

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



District: Lawngtlai

ilai Period: 11 March – 15 March, 2017

Bulletin No: - 682/2016/ Bulletin/Mizo

Date of issue: 10th March, 2017

| | | 1.1 | | | | | |
|--|------------------------------|--|----------------------------|-------------------------------|--------------|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 | | |
| Rainfall (mm) | 10 | 35 | 7 | 0 | 0 | | |
| Max Temp (°C) | 25 | 25 | 25 | 27 | 28 | | |
| Min Temp (°C) | 14 | 14 | 14 | 12 | 12 | | |
| Cloud Coverage | Mainly clear | Partially clear | Partially clear | Clear sky | Clear sky | | |
| Max RH (%) | 87 | 97 | 95 | 68 | 48 | | |
| Min RH (%) | 37 | 68 | 82 | 32 | 16 | | |
| Wind Speed (KmpH) | 5 | 5 | 5 | 6 | 6 | | |
| *Wind Direction | Е | S-E | E | N-E | N-E | | |
| Northe | rly- N, North-I | Easterly- N-E, Eas | sterly- E, South | -Easterly- <mark>S-E</mark> , | · | | |
| Souther | ly- <mark>S</mark> , South-W | Vesterly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | | | |
| STATUS OF MONSO | OON- June 1-3 | 0, 2016 (Percent | of deviation fr | om normal in p | arenthesis) | | |
| Aizawl- 384.87mm | Champhai | - 105.48mm | Saiha- 307.40 n | nm Kolasib- | 236.00mm | | |
| (430.2mm) | _ | (359.89mm) | (507.7r | nm) | (428.1mm) | | |
| Lawngtlai-291.20mm | Lunglei- | 326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm | | |
| (453.1mm) | (| 465.14mm) | (442.80r | nm) | (259.62mm) | | |
| Weather summary | of the past | 11 th March- | 15 th March. | 2017 chhun | ga sik leh | | |
| three day | s | | a dinhmun t | | 8 | | |
| Maximum Tem. (°C):2 | | | | | -: | | |
| Minimum Tem. (°C):2 Minimum Tem. (°C):1 | | Tun ni 3 chhur | 0 | | | | |
| Maximum RH (%):85- | | tura beisei a ni. | | | 0 | | |
| Minimum RH (%):34- | | vawh lai ber in | | | | | |
| Wind Direction: East | | berin 48-97% le | | | | | |
| Cloud cover: Clear sk | | niin. Thli hi dar | | | | | |
| Wind speed: 4-5 km/ | | awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung | | | | | |
| wind speed. +•• kin/ | 1 | hian khawthiang | g tak hmuh bei | sei a ni. | | | |
| Rainfall: 08.2 mm | | | | | | | |
| | | Weekl | y cumulative | rainfall: 52.0r | nm | | |
| | | | | | | | |
| NDVI for Mizoram | | North East Region 02 February | ²⁰¹⁷ Moderately | wet mildly dr | v/mildlv_wet | | |
| | | 53 | anditiona | wet minuty ut | y main y wee | | |
| | | | ckground | | | | |
| | | | 1 | | | | |
| | | 0.5-0.6 | } Very G | | | | |
| | | Agriculture vigour is moderate over most of the parts in | North- | | | | |
| | | Eastern states, whereas few patches in Assam, Manipu Arunachal Pradesh shows good vigour. | ur and | | | | |
| | | 612 | 2 | | 110 | | |
| | | | | | 1 Page | | |



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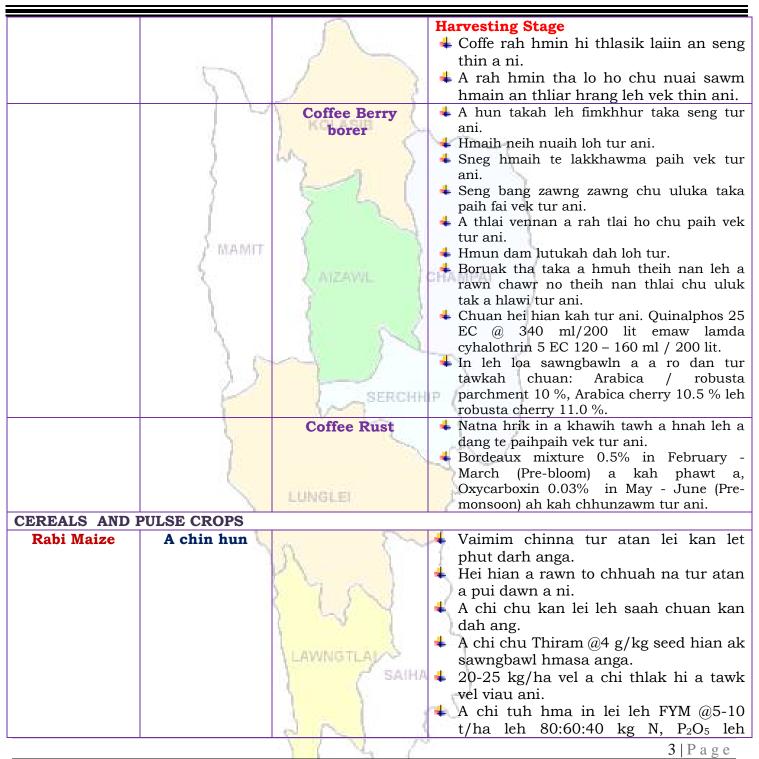


| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|---------------|--------------|-------------------------|--|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | I | · |
| KHASI | A kui atanga | 2 | 4 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | | noundin > | velah dahkhawm tur ani. |
| LIME | 1 | LA. N | 4 Thlai naupang deuah chuan chawlh |
| | 6 | 3 1 | kar tin a tui pek thin tur ani. |
| BANANA | 1 | | 4 Leia tha mamawh tawk a hmuh |
| | 1 | 2 5 1 | theihna turin a hmunhma a hnim awm |
| | | 2 | te thlawhfai thin tur ani. |
| STAR FRUIT | AMAMIT | | 4 A seng hma kar 6 chhung chu tui tha |
| | 1 meaning | 1 | taka pek hian a rah tla tur chelh nan |
| | 2 | A AIZAWIL | leh a rah than that nan te leh a rah |
| PLUM AND | | 2 | keh tur lakah t a veng thei ani. |
| PEACH | | | |
| | | Gummosis, citrus | Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna |
| | | canker, citrus | laka vennan Bordeaux past hi thing zar leh |
| | 1 | greening and Dieback | a trangah te hnawih tur ani. |
| | 12 | | |
| | 6 | Fruit fly RCHH | Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu |
| | | V Lan | heng te hian enkawl tur ani: carbaryl 0.2 |
| | Sec | | percent emaw malathion 0.15 percent |
| | | | suspension containing sugar or jeggery at |
| | 10 | | 10 g/l. |
| PLANTATION CR | 2. | | |
| COFFEE | All stages | | Nursery stage |
| | Y | - | + Thlai chi thlak hma in Azospirillum leh |
| | ~ | 6 2~ | Phosphobacterium a enkawl tur ani. |
| | | A A | 📕 A chi hi December – January ah hmun |
| | | | zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | 1 1 1 1 1 | tlar mumal tak siam in chin tur ani. |
| | | 1 55 7 | Chuan a chi chu lei tlem te a chhilh a |
| | | | buhpawla khuh tur ani. |
| | | LAWNGTLAL | Nitin tui pek tur ani a, a sat lutuka loh non niin a abhun loh non sor bliab tur |
| | | 7 SAIHA | nan niin a chhun loh nan zar hliah tur ani. |
| | | | |
| | | | 4 Ni 45 hnu velah a tiak thin a,chu chu |
| | | | bag ah an sawn chhuak leh thin ani. |
| | | X 17 7 | 210 |
| | | | 2 P a g e |



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| Soybean, pea, lentil toria, breen gram and black | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. |
|---|-----------------------------|--------------|--|
| gram cultivation in rice fellow | AMAMIT | 1 2 | Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAWL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLA | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
| | | 512 1 | 4 P a g e |



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| Onion and capsicumNursery stagePoly houseThiai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozet @ 2gm ah tui leter 1 pawlha kah tur ani.Onion and capsicumNursery stagePoly houseA than a that theih nan nikhat danah tui pek thin tur ani.Thiai bul vawn hnawn nana thlai bulk hnim ring vawm khawm hi tui pek zawhah dah tur ani.Thiai bul vawn hnawn nana thlai bulk hnim ring vawm khawm hi tui pek zawhah dah tur ani.Phytopthora blightPhytopthora blightA chi ven that nan thiram 3g/kg seed (Apron/ kg seed hi a tha hle ani.French bean radishSowing stageThi pek a hnihnah hringa khuh tur ani. a. than a that theih nan tui pek hina tur ani.Carrot and radishSowing stageTui pek a hnihnah hringa khuh tur ani. tur ani.Carrot and radishSowing stageA than a that theih nan leh hnim to loh na turi a a kung bulah lei vur chhoh ze tur ani.Charot and radishSowing stageA than a that theih nan nikhat danaf tui pek hina tur ani. tur ani.Charot and radishSowing stageA than a that theih nan leh hnim to loh na turi a kung bulah lei vur chhoh ze tur ani.Thia in ha a hat theih nan leh hnim to loh na turi an hath thi bul vawn hnawr na tur siam tur ani.A than a that theih nan sikhat danaf tui pek hinau thai bul vawn hnawr na tur siam tur ani.Thi pek hinau tur ani.Thi pek hinau thiai bul vawn hnawr na tur siam tur ani.Thi pek hinau thia bul vawn hawr na tur siam tur ani.Thi pek hinau thiai bul vawn hawr na tur siam tur ani.Thi pek hinau thi an thi an tur ani.Thi pek hinau tha | ICAR | | | |
|--|-------------|--------------|-----------|--|
| capsicumtui pek thin tur ani.capsicumImage of the second secon | Onion and | | KOLASIB | Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah |
| BightBightemaw Trichoderma viride 4g+ metalaxyl 4g (Apron/) kg seed hi a tha hle aniFrench beanSowing stageImage: Carrot and radishSowing stageCarrot and radishSowing stageImage: Carrot and radishSowing stageLawNGTLASowing stageImage: Carrot and radishSowing stageCarrot and radishSowing stageImage: Carrot and radishImage: Carrot and radishCarrot and radishSowing stage< | | | AIZAVIL | Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| Carrot and radishSowing stageA than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh ze tur ani.Carrot and radishSowing stageA than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawr na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani.Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 | | 35 | | emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a |
| radish tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. | French bean | Sowing stage | | A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel |
| | | Sowing stage | LAWNGTLAN | Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 |
| | | | 6 M 2 | |

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| ANIMAL HUSBE | ENDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | { MAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | SERCHH | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. |
| | | PN A | 6 P a g e |



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| | Preventive measures | 0-3 rd week | + | Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani. Ranikhet Disease- an pian atanga ni 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R ₂ B vaccine pek tur ani. B complex with antibodies Coccidiosis- Amprolium or |
|---------|---------------------------------------|-------------------------|-----|---|
| | | H- WEEKS | - | coccidiostat |
| | J' MAMIT | 4-5 th Weeks | 4 | Calcium tonic fortified with B ₁₂ |
| FISHERY | 1 | ANZAWIL | CHA | IMPA1 |
| | Pond preparation (Dil buatsaih) | 0-2 weeks | | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtir thin Dil mawng lei thur leh thurloh entir a, a thurdan a zirin chinai phul thin tur ani. Chu chuan tui thur a siam tha mai nilovin natna lak atangin sangha te a veng theiin, calcium an hmuhnan a thil tha tak ani bawk Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| | | LAWNGTLAK | | 7 P a g e |



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LAWNGTLA SAIHA

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District: Lunglei

Period: 11 March - 15 March, 2017

| Bulletin | No: - | 682 | /2016/ | Bulletin | /English |
|-----------------|--------------|-----|--------|----------|----------|
| | | | 20 | | 1 |

Date of issue: 10th March, 2017

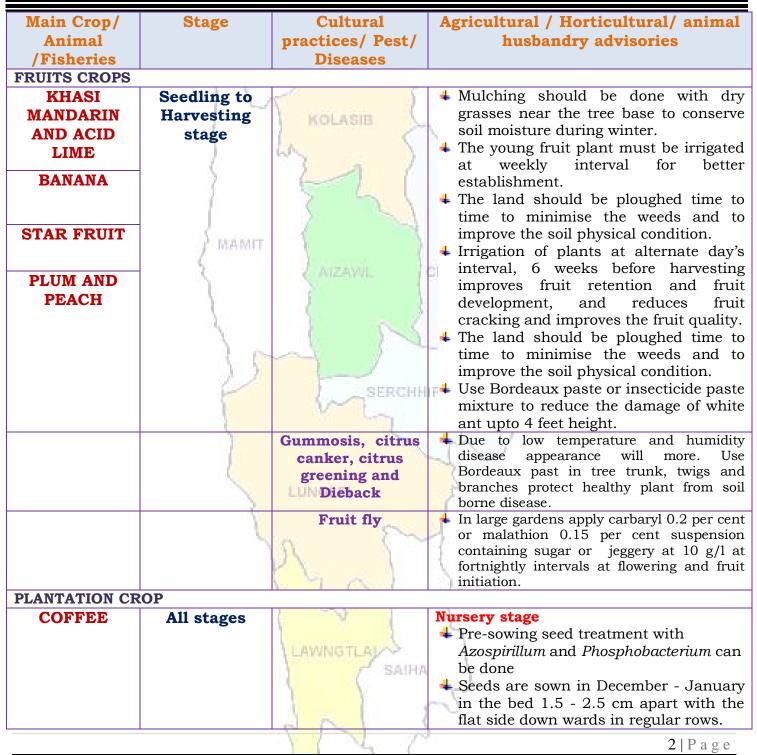
| | 10 M 10 M | - P.S. | | | | |
|------------------------|-------------------------------|--|-------------------|-------------------------------|-------------------------------|--|
| Parameters | 11.03.2017 | | 13.03.2017 | 14.03.2017 | 15.03.2017 | |
| Rainfall (mm) | 14 | 25 | 8 | 0 | 0 | |
| Max Temp (°C) | 29 | 26 | 22 | 28 | 29 | |
| Min Temp (°C) | 20 | 20 | 19 | 16 | 15 | |
| Cloud Coverage | Mainly clear | Partially clear | Mainly clear | Clear sky | Clear sky | |
| Max RH (%) | 97 | 99 | 98 | 77 | 51 | |
| Min RH (%) | 44 | 65 | 88 | 33 | 17 | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 | |
| *Wind Direction | E | S-E | E | N-E | E | |
| Northe | rly- <mark>N</mark> , North- | Easterly- N-E, Eas | sterly- E, South | -Easterly- <mark>S-E</mark> , | | |
| Souther | rly- <mark>S</mark> , South-V | Westerly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | | |
| STATUS OF MONSO | OON- June 1-3 | 30, 2016 (Percent | of deviation fr | om normal in p | arenthesis) | |
| Aizawl- 384.87mm | | | Saiha- 307.40 n | | 236.00mm | |
| (430.2mm) | - | (359.89mm) | (507.7n | nm) | (428.1mm) | |
| Lawngtlai-291.20mm | Lunglei | -326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm | |
| (453.1mm) | | (465.14mm) | (442.80n | nm) | (259.62mm) | |
| Weather summary | of the past | Weather foreca | ast valid from | 11 th March, 20 |)17 To 15th | |
| three day | S | | March, 2 | 2017. | | |
| Maximum Tem. (°C):2 | 21-24°C | There are chanc | es of moderate | e to heavy and | light rainfall | |
| Minimum Tem. (°C):1 | | during the next | | 0 | 0 | |
| Maximum RH (%):89- | 98% | temperatures for the next 5 days may range for 22-29°C | | | | |
| Minimum RH (%):36- | 74% | and 15-20°C. Maximum relative humidity is expected in | | | | |
| Wind Direction: Sout | heasterly | the range of 51 | | • | - | |
| Cloud cover: Mainly of | clear | Wind direction | | • | | |
| Wind Speed: 3-4 km/ | hr | | | 2 | . | |
| | | easterly to north | 2 | 0 | | |
| Rainfall: 7.4 mm | | of 4 km per hour | r. Partially clea | r sky will preva | all during the | |
| | | next five days. | | | | |
| | | | | | | |
| | | | | rainfall: 47.0 1 | | |
| NDVI for Mizoram | | North East Region 02 February 2017 | J J | wet mildly dr | y/mildly wet | |
| | | - <0.2 bare soil backgrou | /wet conditions | | | |
| | | | oderate | | | |
| | | | | | | |
| | | Agriculture vigour is moderate over most of the parts in North | | | | |
| | | Agriculture vigour is moderate over most of the parts in North Eastern states, whereas few patches in Assam, Manipur an Arunachal Pradesh shows good vigour. | d | | | |
| | | 612 | 13 | | 1 D | |
| | | | | | 1 P a g e | |



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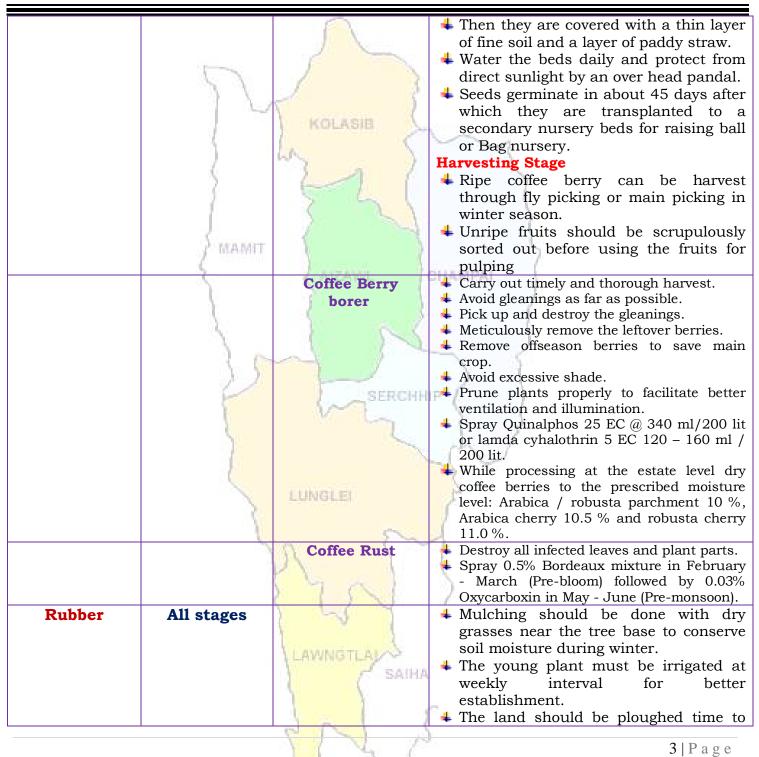




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| ICAR | | | |
|--------------------------|------------------------------|-------------------|--|
| | 5 | \sum | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
| CEREALS AND H | | KOLASIE V. | |
| Maize (<i>Jhum</i>) | Land preparation | La E | Remove all weed plant from the selected place. Keep the plant, leaves and wood for dry. Burn it when it will be dry. |
| Rabi Maize | vegetative stage MAMIT | AIZAWA | Light irrigation on every week may be given for better establishment and smooth growth. Earthing up soil near to plant for better support. Maize rust disease will prevail due to high relative humidity with low temperature. Apply Mancozeb Kg/ha for effective control. Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative growth stage | LUNGLEI | Light irrigation on every alternate day may be given for better establishment and smooth growth. Earthing up soil for better aeration of root growth. If irrigation is not available keep grass and dry leaves as mulch. |
| VEGETABLE CRO | | | |
| Tomato | Harvesting stage | LAWNGTLAL | Light irrigation on every alternate day may be given for better establishment and smooth growth. If irrigation is not available keep grass and dry leaves as a mulch. Harvest all the mature which colour change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Tomato. Cloudy and humid weather is most favorable for the disease. |
| | | K 1 2 1 | |



ICAR RESEARCH COMPLEX FOR NEH REGION

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| | 1 2000 | \sum | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|--|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | Harvest all mature fruits in capsicum. |
| | 2 | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AT | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 w | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWINGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | SN 2 | 5 P a g e |



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| | | 2 | Sow 2-3 seed per whole. |
|--------------|---------------|------------------|--|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | 16 18 | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1.5 | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| | | transplanted | |
| | | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | | selected place. |
| | 1) | | 4 Keep the plant, leaves and wood for |
| | / MAMIT | | dry. |
| | | | 🗕 Burn it when it will be dry. |
| ANIMAL HUSBE | | | A the method acts colden your give? |
| Pig | All stages | 5 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | 2 | 1 38.7 | they need more energy to keep warm. |
| | | | Regularly monitor their level of 'fitness' |
| | 2.0 | ~ 1 | and increase their feed intake to |
| | 1.2 | | maintain. |
| | 8 | SERCHH | Fish oils are excellent for providing |
| | | V Las | slow-release energy with the added |
| | (| | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | | Reproductive | |
| | | Respiratory | ph. |
| | 3 | Syndrome | 6 |
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | 21 | months and yearly interval/6 month |
| 0.441 | A 11 | 1 A A | interval |
| Cattle | All age group | | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. |
| | | | For balanced diet and nutrition to your cattle, provide urea molasses |
| | | LAWNGTLA | treated paddy straw. |
| | | Foot and Mouth | |
| | All age group | Disease (FMD) | • FMD vaccine at 16 week and repeat every 6 month. |
| | | DISCASC (FIND) | |
| | | 6121 | 61Do o o |
| | | 1 4 6 | 6 P a g e |



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| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|---------|-------------|-------------------------|--|
| | Toung Stage | (BQ) | Primary vaccination 6 month or above |
| | | (Del | Revaccination annually |
| Poultry | Litter | 1 | ♣ Birds require adequate space, sufficient |
| rountry | | 1 1 | feed to meet their nutritional |
| | management | 1 | requirements and an adequate supply |
| | | KOLASIB | of good-quality water. |
| | 4 | 1. 0 | 4 Good management and sanitation are |
| |) | NS (2) | the best ways to avoid infectious |
| | 5 | | disease in poultry. |
| | 1 | | + Provide ample quantity of clean |
| | 1 | (A) | drinking water. |
| | 1 | | 4 Avoid feeding of mouldy feed. Don't |
| | / MAMIT | | make sudden changes in feed |
| | Preventive | 0-3 rd week | Ranikhet Disease- F1 vaccine at (1-6) |
| | measures | S MESANE 1 | days of birth and R_2B vaccine for adult |
| | | 5 | birds. |
| | 1 | S | 🖊 B complex with antibodies |
| | 1 | 4 th weeks | 4 Coccidiosis- Amprolium or |
| | 2 0 | ~ 1 ~ | coccidiostat |
| | 3.3 | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | 6 | SERCHH | iP (|
| | Pond | 0-2 th weeks | + Drying and tilling of the pond bottom is |
| | preparation | 1 | an important step in preparation of |
| | | | pond which enables release of toxic |
| | | | gases from the pond bottom. |
| | | LUNGLEI | 4 The pH of the pond bottom soil needs |
| | 5 | | to be tested and appropriate quantity of |
| | 1 | 0 | lime should be applied depending on |
| | | A (~~ | the soil pH. Liming not only helps in |
| | | | correcting the pH but helps in |
| | | MAN A | preventing disease as well as acts as a |
| | | | source of calcium for the fishes. |
| | | | Complete eradication of aquatic weeds |
| | | | helps in avoiding deterioration of pond |
| | | LAWNGTLAL | environment and protecting fishes from |
| | | - SAIHA | unwanted fishes and aquatic insects. |
| | | 1 | -1 |
| | | | 2 |
| | | 201 | |
| | | VIL / | 7 P a g e |



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Guwahati)



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LAWNGTLA SAIHA

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Mizoram Centre, Kolasib- 796081, MIZORAM

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

Guwahati)



District: Lunglei

Period: 11 March - 15 March, 2017

Bulletin No: - 682/2016/ Bulletin/Mizo

Date of issue: 10th March, 2017

| | | - 1 200 | | | | |
|--|------------------------------|---|--|-------------------------------|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 | |
| Rainfall (mm) | 14 | 25 | 8 | 0 | 0 | |
| Max Temp (°C) | 29 | 26 | 22 | 28 | 29 | |
| Min Temp (°C) | 20 | 20 | 19 | 16 | 15 | |
| Cloud Coverage | Mainly clear | Partially clear | Mainly clear | Clear sky | Clear sky | |
| Max RH (%) | 97 | 99 | 98 | 77 | 51 | |
| Min RH (%) | 44 | 65 | 88 | 33 | 17 | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 | |
| *Wind Direction | E | S-E | E | N-E | E | |
| Northe | rly- N, North-I | Easterly- N-E, Eas | sterly- E, South | -Easterly- <mark>S-E</mark> , | | |
| Souther | ly- <mark>S</mark> , South-W | Vesterly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | | |
| STATUS OF MONSO | OON- June 1-3 | 0, 2016 (Percent | of deviation fr | om normal in p | arenthesis) | |
| Aizawl- 384.87mm | | | Saiha- 307.40 n | | 236.00mm | |
| (430.2mm) | | (359.89mm) | (507.7r | nm) | (428.1mm) | |
| Lawngtlai-291.20mm | Lunglei- | 326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm | |
| (453.1mm) | | 465.14mm) | (442.80r | nm) | (259.62mm) | |
| Weather summary | of the past | 11 th March- | 15 th March. | 2017 chhun | ga sik leh | |
| three day | s | | dinhmun t | | 8 | |
| Maximum Tem. (°C):2 Minimum Tem. (°C):1 Maximum RH (%):89- | 2-15°C | Tun ni 3 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 22-29°C a ni ang a. A vawh lai ber in 15-20°C ni tura beisei a ni. RH san lai | | | | |
| Minimum RH (%):36- | H 40/ | berin 51-99% le | | | | |
| Wind Direction: Sout | hoostorly | niin. Thli hi dark | | | | |
| Cloud cover: Mainly o | | | | | | |
| Wind Speed: 3-4 km/ | nr | zawngin a tleh i | | | nga cnnung | |
| | | hian khawthiang | g tak hmuh bei | sei a ni. | | |
| Rainfall: 7.4 mm | | TTT1-1 | | | | |
| | | νεεκι | y cumulative | rainfall: 47.0r | nm | |
| NDVI for Mizoram | | North East Region 02 February | ²⁰¹⁷ Moderately | wet mildly dr | v/mildly wet | |
| | | | <pre>work of the second second</pre> | | <i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i> | |
| | | Agriculture vigour is moderate over most of the parts in Eastern states, whereas few patches in Assam, Manipu Arunachal Pradesh shows good vigour. | | | | |
| | | 6151 | A | | 110 | |
| | | | | | 1 Page | |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| KHASI MANDARIN AND ACID LIME A kui atanga a seng hun + Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring dlai bul velah dahkhawm tur ani. BANANA - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. STAR FRUIT - Mammolian - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. PLUM AND PEACH - Gummosis, citrus canker, citrus greening and Dieback - Temperture hniam lutuk leh hnawng vang hian natna a tam duh a. Soil bore natna a tam turi chawlhkar hnih chhung chu heng te hian enkawl tur ani. PLANTATION CROP - Truit fly rettif VOFFEE - Thlai chi thlak hma in Azospirillum leh Phosphotacterium a enkaut tur ani. PLANTATION CROP - All stages - Thlai chi thlak hma in Azospirillum leh Phosphotacterium a enkaut tur ani. VIII schi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tur munal tak siam in chin tur ani. - Chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tur munal tak siam in chin tur ani. • Nitin tui pek tur ani a, a sat lutuka loh man inin a chhun loh nan zar hliah tur ani. - Nitin tui pek tur ani a, a sat lutuka loh man inin a chhun loh nan zar hliah tur ani. | | | | |
|---|--------------|---|-------------------------|---|
| /Fisheries Diseases FRUITS CROPS A kui atanga a seng hun A kui atanga a seng hun + Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. BANANA a seng hun | _ | Stage | Cultural | Agricultural / Horticultural/ animal |
| FRUITS CROPS KHASI MANDARIN AND ACID LIME BANANA BANANA STAR FRUIT PLUM AND PEACH Cummosis, citrus canker, citrus greening and Dieback Fruit flyrer All stages PLANTATION CROP COFFEE All stages VINCTLAND NUNCTLAND NUNCTLAND VINCTLAND | Animal | | practices/ Pest/ | husbandry advisories |
| KHASI MANDARIN AND ACID LIME A kui atanga a seng hun + Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring dlai bul velah dahkhawm tur ani. BANANA - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. STAR FRUIT - Mammolian - Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. PLUM AND PEACH - Gummosis, citrus canker, citrus greening and Dieback - Temperture hniam lutuk leh hnawng vang hian natna a tam duh a. Soil bore natna a tam turi chawlhkar hnih chhung chu heng te hian enkawl tur ani. PLANTATION CROP - Truit fly rettif VOFFEE - Thlai chi thlak hma in Azospirillum leh Phosphotacterium a enkaut tur ani. PLANTATION CROP - All stages - Thlai chi thlak hma in Azospirillum leh Phosphotacterium a enkaut tur ani. VIII schi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tur munal tak siam in chin tur ani. - Chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tur munal tak siam in chin tur ani. • Nitin tui pek tur ani a, a sat lutuka loh man inin a chhun loh nan zar hliah tur ani. - Nitin tui pek tur ani a, a sat lutuka loh man inin a chhun loh nan zar hliah tur ani. | /Fisheries | | Diseases | |
| MANDARIN AND ACID LIME a seng hun Image: Classing for the send of | FRUITS CROPS | | I | 1 |
| MANDARIN AND ACID LIME a seng hun KOLASIE BANANA Image: Star FRUIT Image: Star FRUIT STAR FRUIT Image: Star FRUIT Image: Star FRUIT PLUM AND PEACH Image: Star Fruit Fruit fly control for the star | KHASI | A kui atanga | 2 | |
| AND ACID LIME BANANA BANANA STAR FRUIT PLUM AND PEACH PLANTATION CROP COFFEE All stages All | MANDARIN | and the second se | MAL ACID | vennan chuan hnim hnah hring tlai bul |
| LIME BANANA BANANA STAR FRUIT PLUM AND PEACH Cummosis, citrus canker, citrus greening and Dieback Fruit fly recent enaw Fruit fly recent enaw COFFEE All stages Nursery stage Thai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. Fuit fly recent enaw Nursery stage COFFEE All stages Nursery stage Thai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. PLANTATION CROP COFFEE All stages | AND ACID | | noundin > | velah dahkhawm tur ani. |
| BANANA Kar tin a tui pek thin tur ani. STAR FRUIT MAMIT PLUM AND PEACH MAMIT PLUM AND PEACH Gummosis, citrus canker, citrus canker, citrus greening and Dieback A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani. PLANTATION CROP Gummosis, citrus canker, citrus greening and Dieback Tempertue hniam lutuk leh hnawng vang hian natna a a tam duh a. Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. PLANTATION CROP All stages Mirsery stage COFFEE All stages Mirsery stage MINGTLA Thile och ult item te a chhih a buhpawla khuh tur ani. Mingtla and a staw numa tak sim in chin tur ani. Mirsery stage Thai chi ultak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. Mingtla and thin a chun lak him a chul huka lah in an nin a chhun loh nan zar hliah tur ani. Nitin tur pek tur ani a, a sat lutuka loh nan nin a chhun loh nan zar hliah tur ani. | |) | WA. N | 4 Thlai naupang deuah chuan chawlh |
| STAR FRUIT MAMIT A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani. PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a ta m duh a . Soil bome natna a laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly RCH Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlikar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP All stages Nursery stage COFFEE All stages Thai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. COFFEE All stages Nursery stage MINIT Huan zau taka thua a sat lutuka loh nan zar hiah itur ani. Nitin tui pek tur ani a, as sat lutuka loh nan zar hiah tur ani. Nitin tui pek tur ani a, as sat lutuka loh nan zar hiah tur ani. | | 6 | 3 1 | |
| STAR FRUIT Image: Construct of the second secon | BANANA | 1 | | |
| STAR FRUIT Imamit 4 A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani. PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback 4 Temperture hniam lutuk leh hnawng vang hian natna a tam duh a. Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. PLANTATION CROP Fruit fly RCH 4 Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlikkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP All stages Nursery stage COFFEE All stages • Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualren 1.5 - 2.5 cm a in hlatin tar mumal tak siam in chin tur ani. • A chi hi becember – January ah hmun zawl/rualren 1.5 - 2.5 cm a si hlatin tar mumal tak siam in chin tur ani. Mitter Takan tur pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ahi. • Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ahi. | | 1 | 16 5 | |
| PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennam Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly COFFEE All stages Fruit fly COFFEE All stages Nursery stage Fullantian and a a satu utuk ken a in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Niti 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | 100 | |
| PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a atam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly RCH Fruit fly RCH Han zau takah chuan a par tan tirh leh a rah tan tirin chawlikar hnih chhung chu heng te hian enkawl tur ani. PLANTATION CROP Nursery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. PLANTATION CROP Nursery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. PLANTATION CROP Nursery stage Thlai chi thlak hma in chi nug an hian natra a a sat lutuka loh nan niin a chiu chu lei tlem te a chhilh a buhpawla khuh tur ani. Nursery stage Thlai chi upek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Niti 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | STAR FRUIT | S MARATT | | |
| PLUM AND PEACH Keh tur lakah t a veng thei ani. Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly RCH Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chlung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages Munstruk Nursery stage COFFEE All stages Munstruk Chuan a chi chu lei tem te a chhilh a bulpawla khuh tur ani. Munstruk Keh tur lakah tur ani. Munstruk Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Mit 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | 2 Same | 1 | |
| PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly Fruit fly Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages Munot Lawlord Lawl | | 2 | ANZAWIL I | |
| Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Hruit fly Fruit fly PLANTATION CROP Fruit fly Fruit fly PLANTATION CROP Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP Mursery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | - | | 1 | keh tur lakah t a veng thei ani. |
| canker, citrus hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. PLANTATION CROP Fruit fly rent COFFEE All stages Mission and a stam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. PLANTATION CROP COFFEE All stages Mussery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. + Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. + Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | PEACH | | One of the other others | Townsetture being lutule lab becomes uses |
| greening and Dieback laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. Fruit fly Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages Value Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ati. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | No. | | |
| Dieback a trangah te hnawih tur ani. Fruit fly Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l. PLANTATION CROP All stages COFFEE All stages Vursery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan zar hliah tur ani. Niti 5 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | | |
| PLANTATION CROP COFFEE All stages Nursery stage Thiai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. | | | | |
| PLANTATION CROP COFFEE All stages All stages Nursery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. + Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. + Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. + Nitin tui pek tur ani a, a sat lutuka loh nan a chhun loh nan zar hliah tur ani. | | 12 | | Huan zau takah chuan a par tan tirh leh a |
| PLANTATION CROP COFFEE All stages All stages Nursery stage • Thiai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. • A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. • Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. • Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. • Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. | | 1000 | CALCERCENT | |
| PLANTATION CROP COFFEE All stages All stages Mursery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. + Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. + Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. + Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | No long | |
| PLANTATION CROP All stages Nursery stage COFFEE All stages Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Mursery stage Mursery stage Mursery stage | | 10 | 5 | |
| PLANTATION CROP COFFEE All stages All stages Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. | | | | |
| COFFEE All stages Nursery stage All stages Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. | | 0.7 | | 10 g/l. |
| Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | EGINGLEI | |
| Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | COFFEE | All stages | | |
| A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | 1 | 0.0 | - |
| zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | 1 | A (~~ | |
| tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | 31 | |
| Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | M AL | |
| buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | | |
| AWNGTLA SAIHA Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | | |
| nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | | |
| ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | LAWNGTLAL | |
| Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani. | | | / SAIHA | |
| bag ah an sawn chhuak leh thin ani. | | | 19 B | |
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| 2 P a g e | | | VIV / | 2 Page |

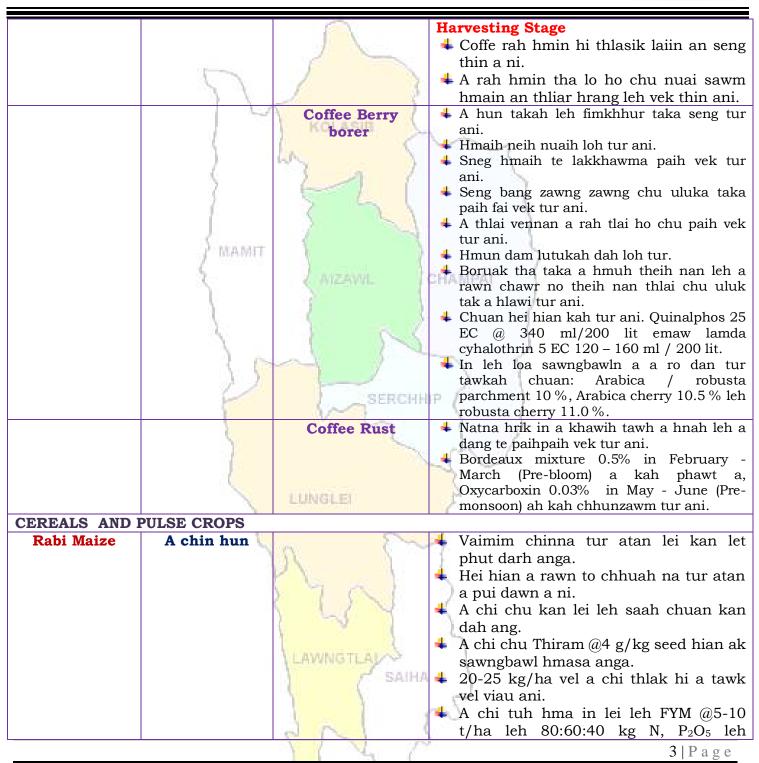


ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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







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| Soybean, pea, lentil toria, | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah tui pek thin tur ani. |
|--|-----------------------------|--------------|--|
| breen gram and black gram cultivation in rice fellow | AMAMIT | The for | Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato | Sowing stage | AIZAVIL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| VEGETABLE CRO Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAI | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
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| | 7 | KOLASIB | awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
|-----------------------|---------------|-----------------------|--|
| Onion and capsicum | Nursery stage | Poly house | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| | 35 | Phytopthora blight | A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani. |
| French bean | Sowing stage | LUNGLEI | Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani. |
| Carrot and radish | Sowing stage | | A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
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| ANIMAL HUSBI | ENDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | AMAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
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| | Preventive | 0-3 rd week | Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani. Ranikhet Disease- an pian atanga ni |
|---------|---------------------------------------|--|---|
| | measures | 222 | 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R₂B vaccine pek tur ani. B complex with antibodies |
| | E MAMIT | 4 th weeks 4-5 th Weeks | Coccidiosis- Amprolium or coccidiostat Calcium tonic fortified with B₁₂ |
| FISHERY | | | CHAMPAI |
| FISHERI | Pond preparation (Dil buatsaih) | 0-2 weeks | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtin thin Dil mawng lei thur leh thurloh entir a a thurdan a zirin chinai phul thin tur |
| | | | ani. Chu chuan tui thur a siam tha ma nilovin natna lak atangin sangha te a veng theiin, calcium an hmuhnan a thi tha tak ani bawk Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| | 1 | LAVINGTLAY | S |
| | | | /IPage |



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CHAMPAI

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LAWNGTLA SAIHA

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District: Mamit

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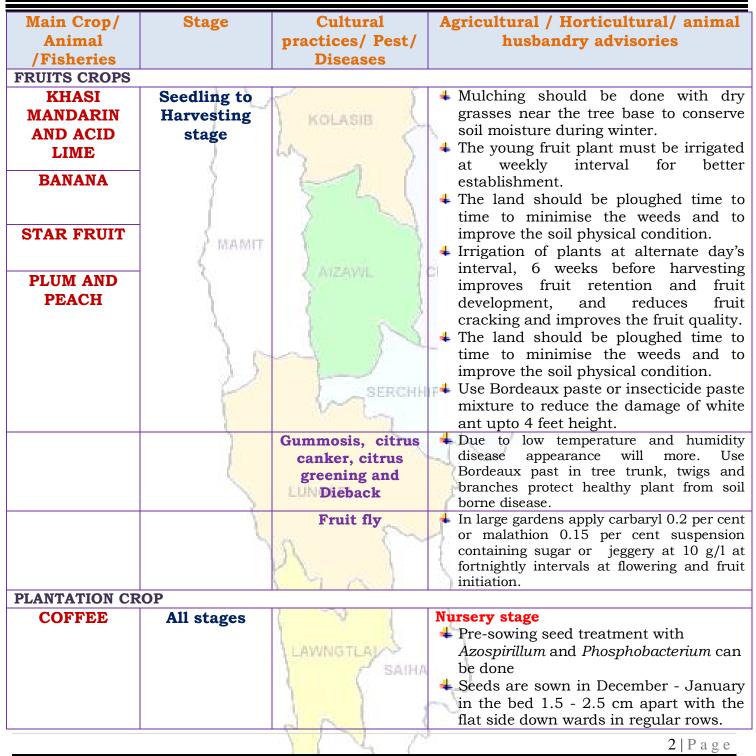
| Parameters 11.03.2017 12.03.2017 13.03.2017 14.03.2017 15.03.2017 Rainfall (mm) 17 67 6 0 0 Max Temp (°C) 28 26 23 28 29 Min Temp (°C) 20 21 19 14 12 Cloud Coverage Clear sky Partially clear Clear sky Min trainfall The sky Statto Sta | | No West | 1 | 3 | | |
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| Apticulture vigour is moderate over next of the parts in North- Eastern states, whereas few patches in Assam, Manipur and Arandal Prodets hows good vigour. | | | Weekly | y cumulative i | rainfall: 90.0 1 | mm |
| 4.3 Ladgrouid 5.3 Ladgrouid <td< th=""><th>NDVI for Mizoram</th><th></th><th>North East Region 02 February 2017</th><th>Moderately</th><th>wet mildly dr</th><th>y/mildly wet</th></td<> | NDVI for Mizoram | | North East Region 02 February 2017 | Moderately | wet mildly dr | y/mildly wet |
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| Agriculture vigour is moderate over most of the parts in North- Essen states, whereas few patches in Asam, Manipur and Arunabil Products shows good vigour. | | | | Ioderate | | |
| Agriculture vigour is moderate over most of the parts in North- Esstem states, whereas few patches in Assam, Manipur and Avranchalt Pradets shows good vigour. | | | | | | |
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| | | | Agriculture vigour is moderate over most of the parts in Nort Eastern states, whereas few patches in Assam, Manipur ar Arunachal Pradesh shows good vigour. | h- nd | | |
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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,







ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| | MAMIT | KOLASIB | Then they are covered with a thin layer of fine soil and a layer of paddy straw. Water the beds daily and protect from direct sunlight by an over head pandal. Seeds germinate in about 45 days after which they are transplanted to a secondary nursery beds for raising ball or Bag nursery. Harvesting Stage Ripe coffee berry can be harvest through fly picking or main picking in winter season. Unripe fruits should be scrupulously sorted out before using the fruits for pulping |
|--------|------------|--------------------|--|
| | Z | LUNGLEI | Carry out timely and thorough harvest. Avoid gleanings as far as possible. Pick up and destroy the gleanings. Meticulously remove the leftover berries. Remove offseason berries to save main crop. Avoid excessive shade. Prune plants properly to facilitate better ventilation and illumination. Spray Quinalphos 25 EC @ 340 ml/200 lit or lamda cyhalothrin 5 EC 120 - 160 ml / 200 lit. While processing at the estate level dry coffee berries to the prescribed moisture level: Arabica / robusta parchment 10 %, Arabica cherry 10.5 % and robusta cherry 11.0 %. |
| Rubber | All stages | LAWNGTLAI SAIHA | Destroy all infected leaves and plant parts. Spray 0.5% Bordeaux mixture in February March (Pre-bloom) followed by 0.03% Oxycarboxin in May - June (Pre-monsoon). Mulching should be done with dry grasses near the tree base to conserve soil moisture during winter. The young plant must be irrigated at weekly interval for better establishment. The land should be ploughed time to |
| | | 6127 | 3 P a g e |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| ICAR | | | |
|--------------|--------------|-------------------|---|
| CEREALS AND | | \bigwedge | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
| | | KOLASIB X | |
| Maize | Land | | Remove all weed plant from the |
| (Jhum) | preparation | 6A | selected place. 4 Keep the plant, leaves and wood for |
| | | 1 1 1 | dry. |
| | (| | Burn it when it will be dry. |
| Rabi Maize | vegetative | | Light irrigation on every week may be |
| | stage | 1 | given for better establishment and |
| | MAMIT | N N | smooth growth. |
| | 5 | AIZAVIL | + Earthing up soil near to plant for better |
| | 1 | Sumerune 1 | support. |
| | N N | 1 | 4 Maize rust disease will prevail due to |
| | 1 | 10 38 1 | high relative humidity with low |
| | | 1 12 | temperature. Apply Mancozeb Kg/ha |
| | 2.0 | ~ 1 | for effective control. |
| | 12 | | Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative | SERCHH | Light irrigation on every alternate day |
| Iotato | growth stage | No long | may be given for better establishment |
| | growen stage | | and smooth growth. |
| | 1 | | 4 Earthing up soil for better aeration of |
| | | | root growth. |
| | | LUNGLEI | + If irrigation is not available keep grass |
| VEGETABLE CR | | | and dry leaves as mulch. |
| Tomato | Harvesting | 1000 E T | Light irrigation on every alternate day |
| Tomato | stage | IN I | may be given for better establishment |
| | Stage | K Sa a V | and smooth growth. |
| | | 111 | If irrigation is not available keep grass |
| | | 1 55 7 | and dry leaves as a mulch. |
| | | | Harvest all the mature which colour |
| | | LAWNGTLAN | change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Townster |
| | | 1 1 | blight in Tomato. |
| | | | Cloudy and humid weather is most favorable for the disease. |
| | | 1219 | |
| | | NY N. Z | 4 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| Powdery mildewRidomil or Indofil or Mancozeb @ 2 per liter of water.Powdery mildewHigh temperature during day and temperature in night with h humidity led to increase the wetness leaves of tomato which cause powd mildew disease.Onion and capsicumVegetative and fruiting stageBurn all infected leaves. Apply sulfur 5 kg/hectare.Onion and capsicumVegetative and fruiting stageOne or two side dressings of nitro are applied during a season.Use the stageLight irrigation on every alternate of may be given for better establishm and smooth growth. | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. One or two side dressings of nitrogen are applied during a season. These side dressings may be applied through the irrigation system. |
|---|--|
| Onion and capsicumVegetative and fruiting stageImage: Comparison of the provided and the provide | temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. One or two side dressings of nitrogen are applied during a season. These side dressings may be applied through the irrigation system. |
| capsicum and fruiting stage are applied during a season. * These side dressings may be apply through the irrigation system. * Light irrigation on every alternate of may be given for better establishm and smooth growth. * Mulching must be done at irrigation. | are applied during a season. These side dressings may be applied through the irrigation system. |
| Harvest all mature fruits capsicum. | Mulching must be done after irrigation. Harvest all mature fruits in |
| blight Trichoderma viride 4g+ metalaxyl (Apron)/ kg seed Drenching 1% Bordeaux mixture or | Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water |
| French bean Harvesting stage Harvest all mature fruits and keep seeds dry. Store the seeds for next year sowing. | |
| | |
| Cowpea Sowing stage SAIHA Plough the field properly, at least times. | Plough the field properly, at least 2-3 times. Mix fertilizer with FYM 50:60:60Kg |
| 5 P a g | /ha. |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



| | | 2 | Sow 2-3 seed per whole. |
|--------------|---------------|--|---|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | N N | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 N | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| |) | transplanted | E C C C C C C C C C C C C C C C C C C C |
| | <u>(</u> | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | | selected place. |
| | 1 J | | 4 Keep the plant, leaves and wood for |
| |) MAMIT | V D | dry. |
| | | the second s | 🚽 Burn it when it will be dry. |
| ANIMAL HUSBE | | | As the weather gets colden your riss? |
| Pig | All stages | 5 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | Δc | 1 8 7 | they need more energy to keep warm. |
| | | | Regularly monitor their level of 'fitness' |
| | 1.0 | ~ 1 | and increase their feed intake to |
| | 1.1 | | maintain. |
| | | SERCHH | Fish oils are excellent for providing |
| | | V Las | slow-release energy with the added |
| | | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | 1 | Reproductive | |
| | | Respiratory | and the second se |
| | 2 | Syndrome | (|
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | | months and yearly interval/6 month |
| 0.44 | A 11 | 1 A C | interval |
| Cattle | All age group | | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. |
| | | Conservation and the second | For balanced diet and nutrition to |
| | | LAWNGTLA | your cattle, provide urea molasses treated paddy straw. |
| | A 11 | - SAIHA | |
| | All age group | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | | Disease (FMD) | every 6 month. |
| | | C N N | |
| | | | 6 P a g e |



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



| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|------------|---------------|--------------------------|--|
| | I vully stage | (BQ) | Primary vaccination 6 month or above |
| | | (DQ) | Revaccination annually |
| Poultry | Litter | 1 N | Birds require adequate space, sufficient |
| Foundation | | 1 8 | feed to meet their nutritional |
| | management | () | requirements and an adequate supply |
| | | KOLASIB | of good-quality water. |
| | | 1. | 4 Good management and sanitation are |
| |) | WS () | the best ways to avoid infectious |
| | 5 | | disease in poultry. |
| | 5 | | + Provide ample quantity of clean |
| | 1 | | drinking water. |
| | | | Avoid feeding of mouldy feed. Don't |
| | P MAMIT | | make sudden changes in feed |
| | Preventive | 0-3 rd week | Ranikhet Disease - F1 vaccine at (1-6) |
| | measures | C WIEWNE - 1 | days of birth and R_2B vaccine for adult |
| | | 5 | birds. |
| | 1.1.1 | S | 🖊 B complex with antibodies |
| | N | 4 th weeks | 4 Coccidiosis - Amprolium or |
| | 1 | ~ 1 ~ | coccidiostat |
| | 3.) | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | 6 | SERCHH | iP () |
| | Pond | 0-2 th weeks | + Drying and tilling of the pond bottom is |
| | preparation | 140 | an important step in preparation of |
| | | | pond which enables release of toxic |
| | | | gases from the pond bottom. |
| | | LUNGLEI | 4 The pH of the pond bottom soil needs |
| | 2 | CONTRACTOR IN CONTRACTOR | to be tested and appropriate quantity of |
| | | ~ | lime should be applied depending on |
| | 1 | α (~ | the soil pH. Liming not only helps in |
| | | 91. 1. | correcting the pH but helps in |
| | | | preventing disease as well as acts as a |
| | | | source of calcium for the fishes. |
| | | | 4 Complete eradication of aquatic weeds |
| | | | helps in avoiding deterioration of pond |
| | | LAWNGTLAY | environment and protecting fishes from |
| | | - SAIHA | unwanted fishes and aquatic insects. |
| | | | ~J. |
| | | | 2 |
| | | 201 | |
| | | VIL / | 7 P a g e |



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LAWNGTLA SAIHA

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

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District: Mamit

| Bulletin | No: - | 682 | /2016/ | Bulletin | /Mizo |
|----------|--------------|-----|--------|----------|-------|
| | | | 1.00 | | 1 |

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | A CONTRACTOR | <i>F</i> | | | |
|--|---|--|--|-----------------------------------|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 |
| Rainfall (mm) | 17 | 67 | 6 | 0 | 0 |
| Max Temp (°C) | 28 | 26 | 23 | 28 | 29 |
| Min Temp (°C) | 20 | 21 | 19 | 14 | 12 |
| Cloud Coverage | Clear sky | Partially clear | Clear sky | Clear sky | Clear sky |
| Max RH (%) | 98 | 98 | 99 | 84 | 75 |
| Min RH (%) | 46 | 69 | 86 | 28 | 17 |
| Wind Speed (KmpH) | 4 | 7 | 4 | 4 | 4 |
| *Wind Direction | S-E | S | S-E | S | S |
| Souther | ly- <mark>S</mark> , South-V | Easterly- N-E, Eas Vesterly- S-W, We | sterly-W, North | -westerly- N-W. | |
| STATUS OF MONSO Aizawl- 384.87mm (430.2mm) Lawngtlai-291.20mm (453.1mm) | Champhai Lunglei- | i- 105.48mm \$ (359.89mm) | of deviation fr Saiha- 307.40 n (507.7r Mamit-204.87n (442.80r | nm Kolasib- nm) nm Serchhip | arenthesis) 236.00mm (428.1mm) 0-411.72mm (259.62mm) |
| Weather summary of three days | · · · · · · · · · · · · · · · · · · · | 11 th March- sa | * | 2017 chhun | ga sik leh |
| Maximum Tem. (°C):2 Minimum Tem. (°C): 3 Maximum RH (%):79- Minimum RH (%):68- Wind Direction: south Cloud cover: Clear sk Wind speed: 3-4 km/3 Rainfall: 12.1 mm | 13-16°C 99% 79% heasterly y | 3-16°C y % y % easterly t ura beisei a ni. Khua a lum lai berin 23-29°C a ni a v awh lai ber in 12-21°C ni tura beisei a ni. RH berin 75-99% leh a hniam lai berin 17-86% ni tu niin. Thli hi darkar khatah 4-7 km vela chakin chl awi gawagin a tleh rin a ni A tlangpujin tun ni nga a | | | |
| NDVI for Mizoram | | North East Region 02 February 1 04 - 02 bits 04 - 03 04 - 03 04 - 03 04 - 03 05 - 04 04 - 03 05 - 04 04 - 03 05 - 04 04 - 03 05 - 04 04 - 03 05 - 04 05 - 05 05 - 05 0 | e soll / w Aground } Mode } Good } Vory d | wet mildly dr | y/mildly wet |
| | | T L | E. | | 1 P a g e |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|----------------------|--------------|------------------|---|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | | |
| KHASI | A kui atanga | 20 | 4 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | | 1 HOLSON > | velah dahkhawm tur ani. |
| LIME |) | LA N | 4 Thlai naupang deuah chuan chawlh |
| | (| 3 1 | kar tin a tui pek thin tur ani. |
| BANANA | 1 | | 4 Leia tha mamawh tawk a hmuh |
| | 1 | | theihna turin a hmunhma a hnim awm |
| | | | te thlawhfai thin tur ani. |
| STAR FRUIT | AMAMIT | | 4 A seng hma kar 6 chhung chu tui tha |
| | 1 | 1 | taka pek hian a rah tla tur chelh nan |
| PLUM AND | Re- | ANZAWIL I | leh a rah than that nan te leh a rah |
| PEACH | | | keh tur lakah t a veng thei ani. |
| РЕАСП | | Cummonia eiterre | + Temperture hniam lutuk leh hnawng vang |
| | 1 | Gummosis, citrus | hian natna a a tam duh a . Soil bome natna |
| | 1 | canker, citrus | laka vennan Bordeaux past hi thing zar leh |
| | 6.0 | Dieback | a trangah te hnawih tur ani. |
| | 5 | Fruit flyrchh | Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at |
| | | | 10 g/l. |
| PLANTATION CR | OP | | |
| COFFEE | All stages | CONGLE | Nursery stage |
| | - 14 | | + Thlai chi thlak hma in Azospirillum leh |
| | 1 | 1 K 2 ~~ | Phosphobacterium a enkawl tur ani. |
| | | 1 | A chi hi December – January ah hmun |
| | | | zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | 1 1 1 1 | tlar mumal tak siam in chin tur ani. |
| | | 1 20 1 | + Chuan a chi chu lei tlem te a chhilh a |
| | | | buhpawla khuh tur ani. Vitin tui pek tur ani a, a sat lutuka loh |
| | | LAWNGTLAU | nan niin a chhun loh nan zar hliah tur |
| | | / SAIHA | ani. |
| | | | Ni 45 hnu velah a tiak thin a,chu chu |
| | | | bag ah an sawn chhuak leh thin ani. |
| | l | 2010 | |
| | | VIN P | 2 P a g e |
| | | | 2 1 4 5 0 |

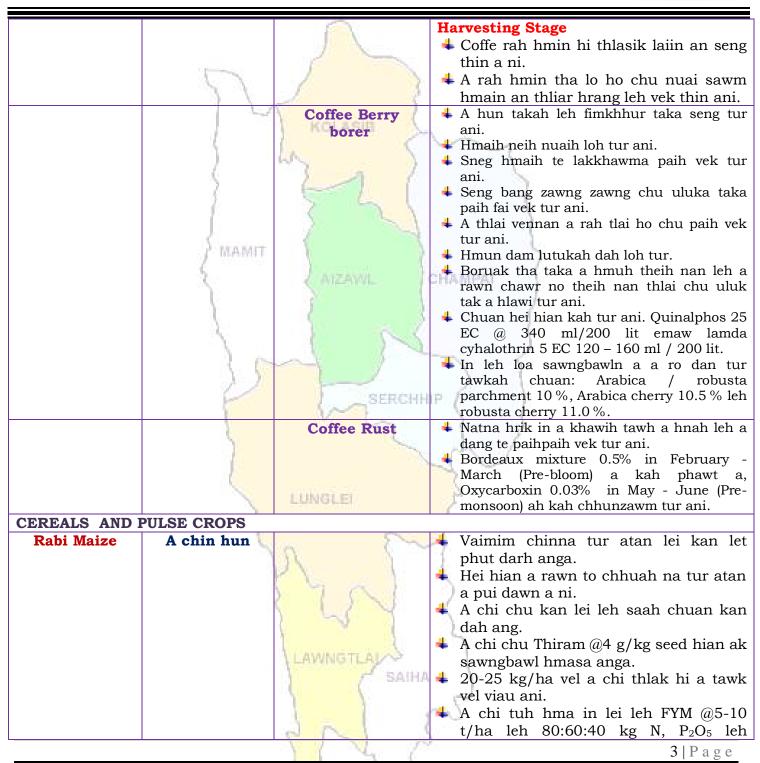


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| Soybean, pea, | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah |
|---|-----------------------------|-------------------|--|
| lentil toria, breen gram and black gram cultivation in rice fellow | A MAMIT | mark and a second | tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAVIL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAL | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek |
| | | 812 | 4 P a g e |



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| Onion and capsicumNursery stagePoly house-Onion and capsicumNursery stagePoly housePoly houseImage: A stage capsicumPoly houseImage: A stage capsicumPoly houseImage: A stage capsicumPoly houseImage: A stage capsicumPoly houseImage: A stage capsicumImage: A stage capsicum< | | | | |
|--|-------------|--------------|-----------|--|
| capsicumtui pek thin tur ani.CapsicumImage: CapsicumImage: Capsicum <th></th> <th>2</th> <th>KOLASIE</th> <th> Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. </th> | | 2 | KOLASIE | Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
| French beanSowing stageImage: Carrot and radishSowing stageImage: Carrot and radishImage: Ca | | } | AIZAVIL | tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| Carrot and radishSowing stageA than a that theih nan tui pek hma in lei rin pan hmasak tur ani.Carrot and radishSowing stageA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah | | 35 | | emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a |
| radish tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. | French bean | Sowing stage | | A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel |
| | | Sowing stage | LAWNGTLAN | Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 |
| | | | 2012 | |



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| ANIMAL HUSBE | ENDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | A MAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN A | 6 P a g e |



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| | | 2 | + | Tui an in tur chhawpna tur tha /lian |
|---------|----------------|--------------------------------|-------------|--|
| | | | | tha tak leh tui thianghlim tak pek tur |
| | | S S | | ani. |
| | 1 1 | 1 3 | + | Chaw a hmuar/thing pek loh tur ani a, |
| | 3 1. | 2 | | an chaw eitur thlak sak thut loh tur |
| | | in a contraction of the | | ani. |
| | Preventive | 0-3 rd week | 1. + | Ranikhet Disease- an pian atanga ni |
| | measures | LA. N | | 1-6 ah F1 vaccine pek tur ani a, chuan |
| | 6 | 3 5 1 | | a puitlingh chuan R ₂ B vaccine pek tur |
| | 1 | | | ani. |
| | | (44) | - | B complex with antibodies |
| | | 4 th weeks | - | Coccidiosis- Amprolium or |
| | Summer 1 | | | coccidiostat |
| | J MAMIT | 4-5 th Weeks | + | Calcium tonic fortified with B ₁₂ |
| FISHERY | 200 | ANZAWI- | CH/ | AMPAI |
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| | | AV 1 X | - | boruak chhia chambangte a chhuahtir |
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| | | (~) eckonn | | a thurdan a zirin chinai phul thin tur |
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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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LAWNGTLA SAIHA

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Saiha

Bulletin No: - 682/2016/ Bulletin/English

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | 100 100 | | | | | |
|-----------------------|-------------------------------|--|-------------------------------|-------------------------------|-------------------------------|--|
| Parameters | 11.03.2017 | | 13.03.2017 | 14.03.2017 | 15.03.2017 | |
| Rainfall (mm) | 6 | 38 | 9 | 0 | 0 | |
| Max Temp (°C) | 28 | 25 | 20 | 27 | 28 | |
| Min Temp (°C) | 18 | 17 | 15 | 15 | 14 | |
| Cloud Coverage | Mainly clear | Mainly clear | Mainly clear | Clear sky | Clear sky | |
| Max RH (%) | 85 | 98 | 96 | 69 | 49 | |
| Min RH (%) | 36 | 68 | 86 | 30 | 15 | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 | |
| *Wind Direction | E | E | E | N-E | E | |
| Northe | rly- N, North- | Easterly- N-E, Easterly- | sterly- E, South | -Easterly- <mark>S-E</mark> , | | |
| Souther | rly- <mark>S</mark> , South-V | Westerly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | | |
| STATUS OF MONSO | OON- June 1-3 | 30, 2016 (Percent | of deviation fr | om normal in p | arenthesis) | |
| Aizawl- 384.87mm | Champha | i- 105.48mm | <mark>Saiha</mark> - 307.40 n | nm Kolasib- | 236.00mm | |
| (430.2mm) | | (359.89mm) | (507.7r | | (428.1mm) | |
| Lawngtlai-291.20mm | Lunglei | -326.00mm | Mamit-204.87n | n <mark>m Serch</mark> hip | -411.72mm | |
| (453.1mm) | | (465.14mm) | (442.80r | nm) | (259.62mm) | |
| Weather summary | of the past | Weather forec | ast valid from | 11 th March, 20 |)17 To 15th | |
| three day | s | March, 2017. | | | | |
| Maximum Tem. (°C):2 | 22-23°C | There is chance of heavy to light rainfall during the next 3 | | | | |
| Minimum Tem. (°C):1 | 2-14ºC | day. The maximum and minimum temperatures for the | | | | |
| Maximum RH (%):82- | 98% | next 5 days may range for 25-28°C and 14-18°C. | | | | |
| Minimum RH (%):42- | 64% | Maximum relative humidity is expected in the range of 49- | | | | |
| Wind Direction: Sout | heasterly | 98% and minimum may from 15-86%. Wind direction | | | | |
| Cloud cover: Clear sk | y | would be easterly to northeasterly and easterly with the | | | | |
| Wind Speed: 3-4 km/ | hr | | | | | |
| | | wind speed of 4 km per hour. Mainly clear sky will prevail during the next five days. | | | | |
| Rainfall: 07.5 mm | | during the next i | ive days. | | | |
| | | | | | | |
| | | | | rainfall: 53.0 1 | | |
| NDVI for Mizoram | | North East Region 02 February | 5 | wet mildly dr | y/mildly wet | |
| | | | re soil/w conditions | | | |
| | | | L Mode | | | |
| | | 0.4-0.5 | Good | | | |
| | | 0.6-0.7 | yery G | | | |
| | | Agriculture vigour is moderate over most of the parts in Eastern states, whereas few patches in Assam, Manipi Arunachal Pradesh shows good vigour. | North- ar and | | | |
| | | | 1 | | | |
| | | VVV | 11 | | 1 Page | |
| | | | 5 | | IIIage | |

Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in

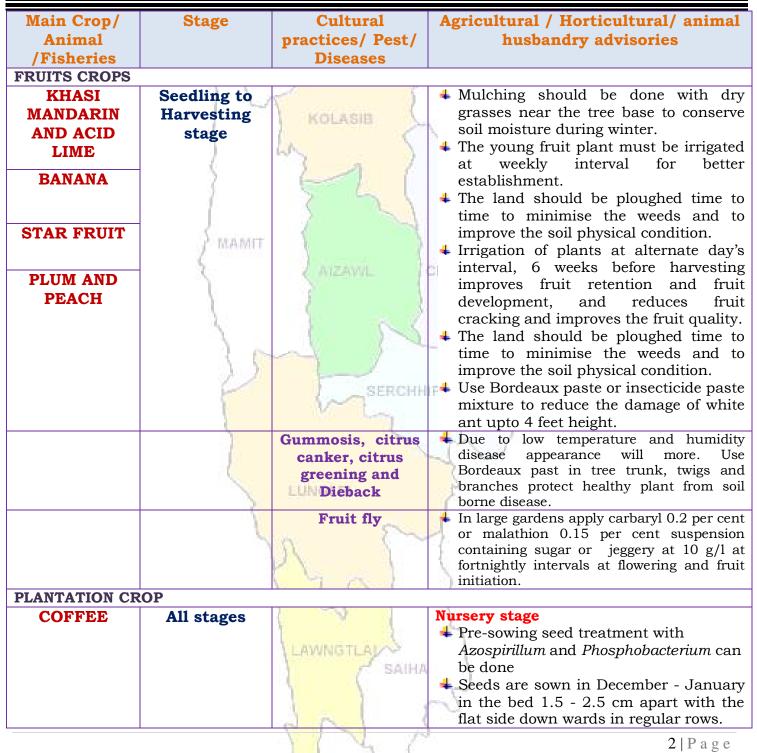


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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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| | | A | 4 Then they are covered with a thin layer |
|--------|------------|--------------------|--|
| | MAMIT | KOLASIB | of fine soil and a layer of paddy straw. Water the beds daily and protect from direct sunlight by an over head pandal. Seeds germinate in about 45 days after which they are transplanted to a secondary nursery beds for raising ball or Bag nursery. Harvesting Stage Ripe coffee berry can be harvest through fly picking or main picking in winter season. Unripe fruits should be scrupulously sorted out before using the fruits for pulping |
| | Z | LUNGLEI | Carry out timely and thorough harvest. Avoid gleanings as far as possible. Pick up and destroy the gleanings. Meticulously remove the leftover berries. Remove offseason berries to save main crop. Avoid excessive shade. Prune plants properly to facilitate better ventilation and illumination. Spray Quinalphos 25 EC @ 340 ml/200 lit or lamda cyhalothrin 5 EC 120 - 160 ml / 200 lit. While processing at the estate level dry coffee berries to the prescribed moisture level: Arabica / robusta parchment 10 %, Arabica cherry 10.5 % and robusta cherry 11.0 %. |
| Rubber | All stages | LAWNGTLAI SAIHA | Destroy all infected leaves and plant parts. Spray 0.5% Bordeaux mixture in February March (Pre-bloom) followed by 0.03% Oxycarboxin in May - June (Pre-monsoon). Mulching should be done with dry grasses near the tree base to conserve soil moisture during winter. The young plant must be irrigated at weekly interval for better establishment. The land should be ploughed time to |
| · | | 822 | 3 Page |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| EREALS AND PULSE CROPS Improve the soil physical condition. Maize (Jhum) Land preparation Remove all weed plant from the selected place. Rabi Maize vegetative stage Remove all weed plant, leaves and wood for dry. Burn it when it will be dry. Light irrigation on every week may be given for better establishment and smooth growth. Potato Vegetative growth stage Remove the alternate host Oxalis coniculata. Potato Vegetative growth stage Earch Luvote Tomato Harvesting stage Luvote Tomato Harvesting stage Light irrigation on every alternate day may be given for better establishment and smooth growth. | ICAR | | | |
|---|------------|----------------|----------------------------------|--|
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| Maize Land Preparation Remove an week plant nom the selected place. (Jhum) Preparation Keep the plant, leaves and wood for dry. Rabi Maize vegetative stage Elight irrigation on every week may be given for better establishment and smooth growth. Potato Vegetative growth stage Earthing up soil near to plant for better support. Potato Vegetative growth stage Earthing up soil non every alternate day namy be given for better establishment and smooth growth. Potato Vegetative growth stage Earthing up soil for better establishment and smooth growth. Potato Vegetative growth stage Earthing up soil for better establishment and smooth growth. EGETABLE CROP Earthing up soil for better establishment and smooth growth. Tomato Harvesting stage Eight irrigation on every alternate day may be given for better establishment and smooth growth. Elight irrigation is not available keep grass and dry leaves as mulch. Eight irrigation is not available keep grass and smooth growth. Harvesting stage Earthing witt Harvest all the mature which colour change to pale yellow to red. Prevailing weather may conducive for bight in Tomato. Prevailing weather may conducive for bight in Tomato. | | | KOLASIH | |
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| FEGETABLE CROP Tomato Harvesting stage Harvesting stage Harvesting stage Bacterial wilt Bacterial wilt Prevailing weather may conducive for blight in Tomato. Harvesting stage | | giowen stage | 42 | |
| Image Image If irrigation is not available keep grass and dry leaves as mulch. Tomato Harvesting stage Image Light irrigation on every alternate day may be given for better establishment and smooth growth. If irrigation is not available keep grass and dry leaves as a mulch. If irrigation is not available keep grass and dry leaves as a mulch. Bacterial wilt Harvest all the mature which colour change to pale yellow to red. Prevailing weather may conducive for blight in Tomato. Cloudy and humid weather is most favorable for the disease. | | | | Earthing up soil for better aeration of |
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| blight in Tomato. Cloudy and humid weather is most favorable for the disease. | | | LAWNGTLAN | change to pale yellow to red. |
| Cloudy and humid weather is most favorable for the disease. | | | Bacterial wilt | Prevailing weather may conducive for |
| favorable for the disease. | | | | |
| | | | | |
| 4 Page | | | 00 | avorable for the disease. |
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| | 1 2000 | A | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|---|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | One or two side dressings of nitrogen are applied during a season. These side dressings may be applied through the irrigation system. Light irrigation on every alternate day may be given for better establishment and smooth growth. Mulching must be done after irrigation. Harvest all mature fruits in capsicum. |
| | Z | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AT | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 wy | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWINGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | SN 2 | 5 P a g e |



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| | | 2 | Sow 2-3 seed per whole. |
|--------------|---------------|------------------------|--|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | N N | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1.5 | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| | | transplanted | |
| | <u> </u> | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | | selected place. |
| | 1 - 1 | | 4 Keep the plant, leaves and wood for |
| | / MAMIT | | dry. |
| | | | 🗕 Burn it when it will be dry. |
| ANIMAL HUSBE | | | A the method acts colden were nice? |
| Pig | All stages | 5 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | Δc | 1 38 7 | they need more energy to keep warm. |
| | | | Regularly monitor their level of 'fitness' |
| | 2.0 | ~ 1 | and increase their feed intake to |
| | 12 | | maintain. |
| | | SERCHH | Fish oils are excellent for providing |
| | | V Las | slow-release energy with the added |
| | | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | 1 | Reproductive | |
| | | Respiratory | PA |
| | 2 | Syndrome | 6 |
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | 21 | months and yearly interval/6 month |
| 0.11 | A 11 . | 1 A | interval |
| Cattle | All age group | | • Due to prolong dry spell there is a |
| | | 1 N | shortage of green grass in the field. |
| | | a second second second | For balanced diet and nutrition to your cattle, provide urea molasses |
| | | LAWNGTLA | treated paddy straw. |
| | A 11 | SAIHA | |
| | All age group | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | | Disease (FMD) | every 6 month. |
| | | 6121 | |
| | | | 6 P a g e |

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



| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Primary vaccination 6 month or above |
|---------|------------------------|-------------------------|--|
| Poultry | Litter management | KOLASIB | Revaccination annually Birds require adequate space, sufficient feed to meet their nutritional requirements and an adequate supply of good-quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. |
| | MAMIT | 254 | Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed |
| | Preventive measures | 0-3 rd week | Ranikhet Disease- F1 vaccine at (1-6) days of birth and R₂B vaccine for adult birds. B complex with antibodies |
| | | 4 th weeks | Coccidiosis - Amprolium or coccidiostat |
| | | 4-5 th Weeks | $4 \text{Calcium tonic fortified with } \mathbf{B}_{12}$ |
| FISHERY | | SERCHH | |
| | Pond preparation | 0-2 th weeks | Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. |
| | | | The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. |
| | | LAWNGTLA | Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. |
| | | SAINA | 5 |
| | | N. I. A | 710 |

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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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LAWNGTLA SAIHA

8 | P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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

Guwahati)



District: Saiha

| Bulletin | No: - | 682/2016/ Bulletin | /Mizo |
|----------|-------|--------------------|-------|
| | | | 100 |

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | AND AND | | | | | |
|---|--|---|--|-----------------------------------|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 | |
| Rainfall (mm) | 6 | 38 | 9 | 0 | 0 | |
| Max Temp (°C) | 28 | 25 | 20 | 27 | 28 | |
| Min Temp (°C) | 18 | 17 | 15 | 15 | 14 | |
| Cloud Coverage | Mainly clear | Mainly clear | Mainly clear | Clear sky | Clear sky | |
| Max RH (%) | 85 | 98 | 96 | 69 | 49 | |
| Min RH (%) | 36 | 68 | 86 | 30 | 15 | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 | |
| *Wind Direction | E | E | E | N-E | E | |
| Souther | ly- <mark>S</mark> , South-V | Easterly- N-E, Eas Westerly- S-W, We | sterly-W, North | -westerly- N-W. | | |
| STATUS OF MONSO Aizawl- 384.87mm (430.2mm) Lawngtlai-291.20mm (453.1mm) | Champha Lunglei | i- 105.48mm (359.89mm) | of deviation fr Saiha- 307.40 n (507.7n Mamit-204.87n (442.80n | nm Kolasib- nm) nm Serchhip | arenthesis) 236.00mm (428.1mm) 0-411.72mm (259.62mm) | |
| Weather summary | | <u> </u> | \ | | | |
| three day | s | sa dinhmun tur tlangpui | | | | |
| Maximum RH (%):82- Minimum RH (%):42- Wind Direction: Sout Cloud cover: Clear sk Wind Speed: 3-4 km/ Rainfall: 07.5 mm | nimum Tem. (°C):12-14°C tura beisei a ni. Khua a lum lai berin 25-28°C a ni ar vawh lai ber in 14-18°C ni tura beisei a ni. RH s vawh lai ber in 14-18°C ni tura beisei a ni. RH s berin 49-98% leh a hniam lai berin 15-86% ni tur niin. Thli hi darkar khatah 4 km vela chakin chhakla zawngin a tleh rin a ni. A tlangpuiin tun ni nga c hian khawthiang tak hmuh beisei a ni. | | | | | |
| NDVI for Mizoram | | North East Region 02 February 04 - 02 km 04 - 03 04 - 04 04 - 04 04 04 - 04 04 - 04 04 04 - 04 04 04 - 04 04 04 04 - 04 04 04 | <pre>woll we woll we would we woll we woll we woll we would we woll we would we w</pre> | wet mildly dr | y/mildly wet | |
| | | Y Y | Et al. | | 1 P a g e | |

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| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|---------------|--------------|--|---|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | · | |
| KHASI | A kui atanga | 20 | 🖊 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | 7 | 1 Instantional C | velah dahkhawm tur ani. |
| LIME |) | W. N | 🔸 Thlai naupang deuah chuan chawlh |
| | (| 1 1 1 | kar tin a tui pek thin tur ani. |
| BANANA | 1 | | 4 Leia tha mamawh tawk a hmuh |
| | | | theihna turin a hmunhma a hnim awm |
| | | | te thlawhfai thin tur ani. |
| STAR FRUIT | AMAT | | 4 A seng hma kar 6 chhung chu tui tha |
| | 2 second | And the second s | taka pek hian a rah tla tur chelh nan |
| PLUM AND | 3 | (MIZAWIL) | leh a rah than that nan te leh a rah |
| PEACH | | 1 A A | keh tur lakah t a veng thei ani. |
| TEACH | | Gummosis, citrus | + Temperture hniam lutuk leh hnawng vang |
| | 5 | canker, citrus | hian natna a a tam duh a . Soil bome natna |
| | 1 | greening and | laka vennan Bordeaux past hi thing zar leh |
| | No. No | Dieback | a trangah te hnawih tur ani. |
| | 0 | Fruit fly RCHH | 👎 Huan zau takah chuan a par tan tirh leh a |
| | | (~) | rah tan tirin chawlhkar hnih chhung chu |
| | 1 | and the second | heng te hian enkawl tur ani: carbaryl 0.2 |
| | | | percent emaw malathion 0.15 percent |
| | | | suspension containing sugar or jeggery at 10 g/l. |
| PLANTATION CR | OP | | 10 5/1. |
| COFFEE | All stages | CONOLEI | Nursery stage |
| | THE STUGOD | | + Thlai chi thlak hma in Azospirillum leh |
| | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Phosphobacterium a enkawl tur ani. |
| | | N N | 🖊 A chi hi December – January ah hmun |
| | | | 🚶 zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | 701 |) tlar mumal tak siam in chin tur ani. |
| | | 1 62 4 | + Chuan a chi chu lei tlem te a chhilh a |
| | | A A | buhpawla khuh tur ani. |
| | | A DAMAGE TO A DAMAGE | Nitin tui pek tur ani a, a sat lutuka loh |
| | | LAWNGTLAY | nan niin a chhun loh nan zar hliah tur |
| | | C SAIHA | |
| | | | 4 Ni 45 hnu velah a tiak thin a,chu chu |
| | | 1 | bag ah an sawn chhuak leh thin ani. |
| | | CN A | |
| | | 4 | 2 P a g e |

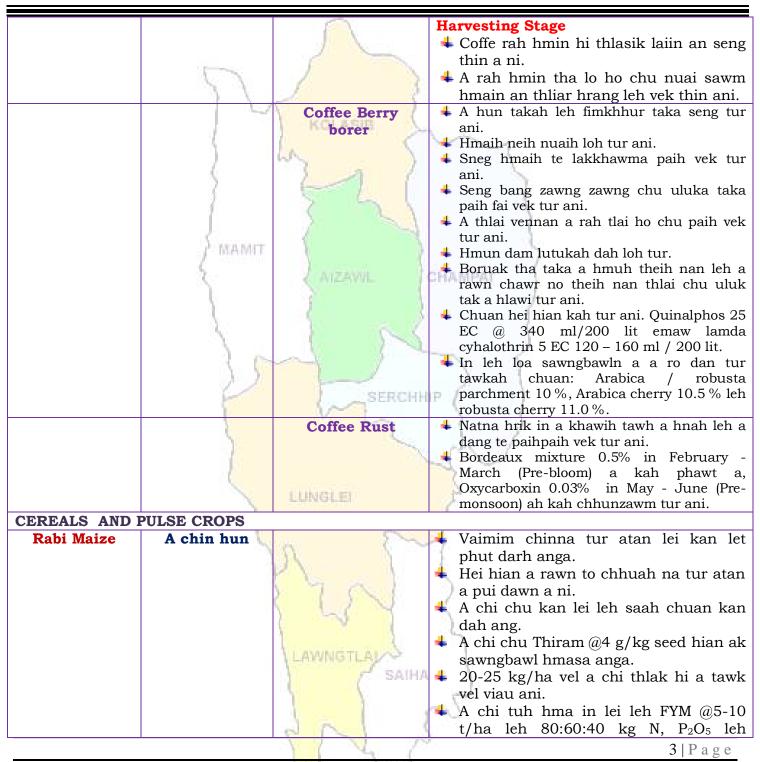


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| Soybean, pea, lentil toria, | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah tui pek thin tur ani. |
|--|-----------------------------|--|--|
| breen gram and black gram cultivation in rice fellow | A MAMIT | The formation of the second se | Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato | Sowing stage | AIZAVIL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| VEGETABLE CRO Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAI | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
| | | 612 | 4 P a g e |



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| Onion and capsicumNursery stagePoly houseHai han alam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawiha kah tur ani.Onion and capsicumNursery stagePoly houseA than a that theih nan nikhat danah tui pek thin tur ani.Thlai bul vawn hnawn nama thlai bul hnim ring vawn khawm hi tui pek zawhah dah tur ani.Thlai china hmun (nursery) hi bnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha He ani.Phytopthora blightPhytopthora blightA then an thiram 3g/kg seed (Apron)/ kg seed hi a tha he ani.French beanSowing stageTui pek a hnihanh hringa khuh tur ani a. than a that theih nan tui pek hna in lei rin pan hmasak tur ani.Carrot and radishSowing stageTui pek hnihan hringa khuh tur ani a. than a that theih nan nikhat danah tui pek hnihan hringa khuh tur ani a. than a that theih nan nikhat danah tui pek hnihanh hringa khuh tur ani a. than a that theih nan nikhat danah tui pek hnihanh hringa khuh tur ani a. than a that theih nan nikhat danah tui pek hnihanh hringa khuh tur ani a. than a that theih nan nikhat danah tui pek hnihanh hringa khuh tur ani.Carrot and radishSowing stageA than a that theih nan nikhat danah tui pek hnihan hringa khuh tur ani.Carrot and radishSowing stageA than a that theih nan nikhat danah tui pek hnihan tur ani.Thia inna lam chi leh zikhlum lam chi reng reng enkawl nan than al ma chi leh zikhlum lam chi reng reng enkawl nan | ICAR | | | |
|---|-------------|--------------|-----------|--|
| capsicumtui pek thin tur ani.CapsicumImage: CapsicumImage: Capsicum <th></th> <th>2</th> <th>KOLASIB</th> <th>4 Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.</th> | | 2 | KOLASIB | 4 Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
| French beanSowing stageImage: Carrot and radishSowing stageImage: Carrot and radishImage: Ca | | } | MZAVIL | tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| Carrot and radishSowing stageA than a that theih nan tui pek hma in lei rin pan hmasak tur ani.Carrot and radishSowing stageA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah tui pek thin tur ani.Markow ConstructionA than a that theih nan nikhat danah | | 35 | | emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a |
| radish tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. | French bean | Sowing stage | | A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel |
| C N S | | Sowing stage | LAWNGTLAN | Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 |
| | | | 6 M 2 | |



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| ANIMAL HUSBE | ENDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | AMAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN A | 6 P a g e |



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| | Preventive | 0-3 rd week | Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani. Ranikhet Disease- an pian atanga ni |
|---------|---------------------------------------|-------------------------|---|
| | measures | 222 | 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R₂B vaccine pek tur ani. B complex with antibodies |
| | { | 4 th weeks | Coccidiosis - Amprolium or coccidiostat |
| | / MAMIT | 4-5 th Weeks | + Calcium tonic fortified with B ₁₂ |
| FISHERY | 3 | A AIZAVIL | CHAMPAI |
| | Pond preparation (Dil buatsaih) | 0-2 weeks | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtir thin |
| | 5 | | Dil mawng lei thur leh thurloh entir a, a thurdan a zirin chinai phul thin tur ani. Chu chuan tui thur a siam tha mai nilovin natna lak atangin sangha te a veng theiin, calcium an hmuhnan a thil tha tak ani bawk |
| | | | Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| | | LAWNGTLAY | |
| | | 201 | 7 P a g e |

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LAWNGTLA SAIHA

8 | P a g e



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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District: Serchhip

Period: 11 March - 15 March, 2017

| Bulletin | No: | - 682/ | /2016/ | Bulletin | /English |
|----------|-----|--------|--------|----------|----------|
| | | | | | |

Date of issue: 10th March, 2017

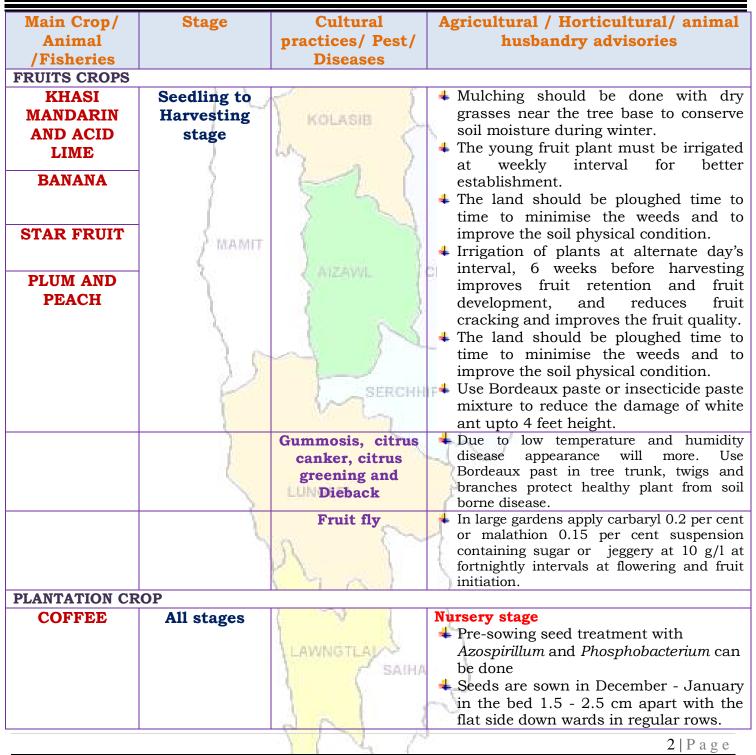
| | 1 A A | | | | | |
|-----------------------|---------------------------------------|--|----------------------------|---------------------------------------|--------------|--|
| Parameters | 11.03.2017 | | 13.03.2017 | 14.03.2017 | 15.03.2017 | |
| Rainfall (mm) | 9 | 23 | 10 | 0 | 0 | |
| Max Temp (°C) | 28 | 26 | 21 | 27 | 28 | |
| Min Temp (°C) | 20 | 21 | 19 | 15 | 15 | |
| Cloud Coverage | Clear sky | Partially clear | Mainly clear | Clear sky | Clear sky | |
| Max RH (%) | 100 | 99 | 99 | 84 | 58 | |
| Min RH (%) | 45 | 66 | 93 | 33 | 17 | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 | |
| *Wind Direction | S-E | S-E | E | E | E | |
| | ly- <mark>S</mark> , South-V | Easterly- N-E, Eas Westerly- S-W, We | sterly-W, North | -westerly- N-W. | grouth agin) | |
| Aizawl- 384.87mm | | | Saiha- 307.40 n | | 236.00mm | |
| (430.2mm) | · · · · · · · · · · · · · · · · · · · | (359.89mm) | 507.40 f | | (428.1mm) | |
| Lawngtlai-291.20mm | | | Mamit-204.87n | | -411.72mm | |
| (453.1mm) | - | (465.14mm) | (442.80r | · · · · · · · · · · · · · · · · · · · | (259.62mm) | |
| Weather summary | | · · · · · · · · · · · · · · · · · · · | | | | |
| three day | · · · · · · · · · · · · · · · · · · · | Weather forecast valid from 11 th March, 2017 To 15 th March, 2017. | | | | |
| Maximum Tem. (°C):2 | | There are chances of moderate to heavy and light rainfall | | | | |
| Minimum Tem. (°C):1 | | | | 2 | 0 | |
| Maximum RH (%):82- | | during the next | | | | |
| Minimum RH (%):41- | | temperatures for | | | | |
| Wind Direction: East | | and 15-21°C. M | | • | - | |
| Cloud cover: Clear sk | | the range of 58 | | . | | |
| Wind speed: 2-4 km/ | · | Wind direction would be southeasterly to easterly with the | | | | |
| ······ ·····, | | wind speed of 4 km per hour. Mainly clear sky will prevail | | | | |
| Rainfall: 10.2 mm | | during the next f | ïve days. | | | |
| | | | | | | |
| | | Weekl | y cumulative i | rainfall: 42.0 1 | nm | |
| NDVI for Mizoram | | North East Region 02 February | ²⁰¹⁷ Moderately | wet mildly dr | y/mildly wet | |
| | | | conditions | | | |
| | | |] Mode | | | |
| | | 0.4-0.5 | Land | | | |
| | | | - Very G | | | |
| | | Agriculture vigour is moderate over most of the parts in Eastern states, whereas few patches in Assam, Manipu Arunachal Pradesh shows good vigour. | North- ir and | | | |
| | | 201 | A COMPANY | | | |
| | | NY Y | 120 | | 1 Page | |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,







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| | MAMIT | KOLASIB | Then they are covered with a thin layer of fine soil and a layer of paddy straw. Water the beds daily and protect from direct sunlight by an over head pandal. Seeds germinate in about 45 days after which they are transplanted to a secondary nursery beds for raising ball or Bag nursery. Harvesting Stage Ripe coffee berry can be harvest through fly picking or main picking in winter season. Unripe fruits should be scrupulously sorted out before using the fruits for pulping |
|--------|------------|---------------------------------|--|
| | Z | Coffee Berry borer SERCHH | Carry out timely and thorough harvest. Avoid gleanings as far as possible. Pick up and destroy the gleanings. Meticulously remove the leftover berries. Remove offseason berries to save main crop. Avoid excessive shade. Prune plants properly to facilitate better ventilation and illumination. Spray Quinalphos 25 EC @ 340 ml/200 lit or lamda cyhalothrin 5 EC 120 - 160 ml / 200 lit. While processing at the estate level dry coffee berries to the prescribed moisture level: Arabica / robusta parchment 10 %, Arabica cherry 10.5 % and robusta cherry 11.0 %. |
| Rubber | All stages | LAWNGTLAI SAIHA | Destroy all infected leaves and plant parts. Spray 0.5% Bordeaux mixture in February March (Pre-bloom) followed by 0.03% Oxycarboxin in May - June (Pre-monsoon). Mulching should be done with dry grasses near the tree base to conserve soil moisture during winter. The young plant must be irrigated at weekly interval for better establishment. The land should be ploughed time to |
| | | 8121 | 3 P a g e |



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| ICAR | | | |
|--------------|------------------|--|---|
| CEDEALS AND | | \sum | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
| CEREALS AND | | KOLASIB | |
| Maize | Land | | 4 Remove all weed plant from the |
| (Jhum) | preparation | W. S | selected place. 4 Keep the plant, leaves and wood for |
| | (| 1 1 1 | dry. |
| | 5 | | Burn it when it will be dry. |
| Rabi Maize | vegetative | | Light irrigation on every week may be |
| | stage | | given for better establishment and |
| | MAMIT | | smooth growth. |
| | ζ | AIZAVIL | + Earthing up soil near to plant for better |
| | 1 N | Sumerune 1 | support. |
| | | 1 | 4 Maize rust disease will prevail due to |
| | $\sum_{i=1}^{n}$ | 10 38 1 | high relative humidity with low |
| | | 1 12 | temperature. Apply Mancozeb Kg/ha |
| | 1.0 | ~ 1 | for effective control. |
| | 12 | | Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative | SERCHH | Light irrigation on every alternate day |
| Iotato | growth stage | No long | may be given for better establishment |
| | growth stuge | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | and smooth growth. |
| | 10 | | 4 Earthing up soil for better aeration of |
| | | | root growth. |
| | X | LUNGLED | If irrigation is not available keep grass |
| VEGETABLE CR | OP | | and dry leaves as mulch. |
| Tomato | Harvesting | 1. A. T. | Light irrigation on every alternate day |
| i unato | stage | 11 | may be given for better establishment |
| | Stuge | | and smooth growth. |
| | | 2 1 5 5 | 🕴 If irrigation is not available keep grass |
| | | | and dry leaves as mulch. |
| | | | Harvest all the mature which colour |
| | | LAWNGTLAN | change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Tomato. |
| | | 1 1 | Cloudy and humid weather is most |
| | | | favorable for the disease. |
| | 1 | 6 N 1 | |
| | | 4/ | 4 P a g e |



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| | | \mathcal{A} | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|---|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | One or two side dressings of nitrogen are applied during a season. These side dressings may be applied through the irrigation system. Light irrigation on every alternate day may be given for better establishment and smooth growth. Mulching must be done after irrigation. Harvest all mature fruits in capsicum. |
| | 2 | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AP | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 w | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWNGTLAUS | Plough the field properly, at least 2-3 times. Mix fertilizer with FYM 50:60:60Kg /ha. |
| | | PN X | 5 P a g e |



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| | | 2 | Sow 2-3 seed per whole. |
|--------------|---|------------------|--|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | 1 1 | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1.5 | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| | | transplanted | |
| | () () () () () () () () () () | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | | selected place. |
| | 1) | | 4 Keep the plant, leaves and wood for |
| | / MAMIT | | dry. |
| | | | 🕂 Burn it when it will be dry. |
| ANIMAL HUSBE | | | A the meether sets colden your size? |
| Pig | All stages | 5 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | Σ | 1 28.7 | they need more energy to keep warm. |
| | | | Regularly monitor their level of 'fitness' |
| | 2.0 | ~ 1 | and increase their feed intake to |
| | 1.2 | | maintain. |
| | 8 | SERCHH | Fish oils are excellent for providing |
| | | V Las | slow-release energy with the added |
| | | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | | Reproductive | |
| | | Respiratory | ph. |
| | 5 | Syndrome | 6 |
| | 1 | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | 21 | months and yearly interval/6 month |
| 0-441 | A 11 | 1 A A | interval |
| Cattle | All age group | | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. For balanced diet and nutrition to |
| | | | your cattle, provide urea molasses |
| | | LAWNGTLA | treated paddy straw. |
| | | Foot and Mouth | |
| | All age group | Disease (FMD) | • FMD vaccine at 16 week and repeat every 6 month. |
| | | DISCASC (FIND) | |
| | | 6121 | 61Do o o |
| | | | 6 P a g e |

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| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|---------|----------------------|-------------------------|--|
| | round ounde | (BQ) | Primary vaccination 6 month or above |
| | | (Del | Revaccination annually |
| Poultry | Litter management | KOLASIB | Birds require adequate space, sufficient feed to meet their nutritional requirements and an adequate supply of good-quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't |
| | Preventive | 0-3 rd week | make sudden changes in feed Ranikhet Disease- F1 vaccine at (1-6) |
| | measures | { | days of birth and R₂B vaccine for adult birds. B complex with antibodies |
| | 1 | 4 th weeks | 4 Coccidiosis - Amprolium or |
| | 2 0 | ~ 1 1 | coccidiostat |
| | 1.1 | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | 6 | SERCHH | IP (|
| | Pond | 0-2 th weeks | 4 Drying and tilling of the pond bottom is |
| | preparation | ~ | an important step in preparation o pond which enables release of toxic gases from the pond bottom. |
| | 2 | | The pH of the pond bottom soil needs to be tested and appropriate quantity o lime should be applied depending or the soil pH. Liming not only helps in |
| | | Ma) | correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. |
| | | LAWNGTLA | Complete eradication of aquatic weeds helps in avoiding deterioration of pone environment and protecting fishes from unwanted fishes and aquatic insects. |
| | | SAMA | 2 |
| | | F 1 7 | |

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LAWNGTLA SAIHA

8 | P a g e



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Mizoram Centre, Kolasib- 796081, MIZORAM

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

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District: Serchhip

Bulletin No: - 682/2016/ Bulletin/Mizo

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | 1 N N | 10 | | | |
|--|-----------------------------------|--|--|-----------------------------------|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 |
| Rainfall (mm) | 9 | 23 | 10 | 0 | 0 |
| Max Temp (°C) | 28 | 26 | 21 | 27 | 28 |
| Min Temp (°C) | 20 | 21 | 19 | 15 | 15 |
| Cloud Coverage | Clear sky | Partially clear | Mainly clear | Clear sky | Clear sky |
| Max RH (%) | 100 | 99 | 99 | 84 | 58 |
| Min RH (%) | 45 | 66 | 93 | 33 | 17 |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 4 |
| *Wind Direction | S-E | S-E | E | E | E |
| Souther | rly- <mark>S</mark> , South-W | Easterly- <mark>N-E</mark> , Eas Vesterly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | |
| STATUS OF MONSO Aizawl- 384.87mm (430.2mm) Lawngtlai-291.20mm (453.1mm) | Champhai Lunglei- | - 105.48mm \$ (359.89mm) | of deviation fr Saiha- 307.40 n (507.7n Mamit-204.87n (442.80n | nm Kolasib- nm) nm Serchhip | arenthesis) 236.00mm (428.1mm) 0-411.72mm (259.62mm) |
| Weather summary | | | \ | | |
| · · · · · · · · · · · · · · · · · · · | | 11 th March- | · · · · · · · · · · · · · · · · · · · | | ga sik len |
| three day | | | ı dinhmun t | | |
| Maximum Tem. (°C):2 Minimum Tem. (°C):1 Maximum RH (%):82- Minimum RH (%):41-4 Wind Direction: Easter Cloud cover: Clear sk Wind speed: 2-4 km/ Rainfall: 10.2 mm | 2-15°C 98% 66% erly y | | | | |
| NDVI for Mizoram | | North East Region 0.2 February 0.2 February 0.2 Gebruary 0.2 Gebruar | conditions | wet mildly dr | y/mildly wet |
| | | 1111 | 12 | | 1 Page |

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| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|---------------|---------------------------------------|---|--|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | | |
| KHASI | A kui atanga | et la | 4 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | | nousona > | velah dahkhawm tur ani. |
| LIME |) | LA N | 4 Thlai naupang deuah chuan chawlh |
| | 6 | 3 1 | kar tin a tui pek thin tur ani. |
| BANANA | 1 | | 4 Leia tha mamawh tawk a hmuh |
| | 1 | 7 5 1 | theihna turin a hmunhma a hnim awm |
| | | 100 | te thlawhfai thin tur ani. |
| STAR FRUIT | AMAMIT | | 4 A seng hma kar 6 chhung chu tui tha |
| | 1 merina i | S | taka pek hian a rah tla tur chelh nan |
| PLUM AND | 2 | ANZAWIL 1 | leh a rah than that nan te leh a rah |
| | | | keh tur lakah t a veng thei ani. |
| PEACH | | | |
| | 2 | Gummosis, citrus | Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna |
| | | canker, citrus | - laka vennan Bordeaux past hi thing zar leh |
| | 6.0 | greening and | a trangah te hnawih tur ani. |
| | 11 | Dieback | Huan zau takah chuan a par tan tirh leh a |
| | | Fruit fly RCHH | rah tan tirin chawlhkar hnih chhung chu |
| | | M. Com | heng te hian enkawl tur ani: carbaryl 0.2 |
| | S | 100 | percent emaw malathion 0.15 percent |
| | | | suspension containing sugar or jeggery at |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 10 g/l. |
| PLANTATION CR | | | |
| COFFEE | All stages | | Nursery stage |
| | 1 | | + Thlai chi thlak hma in Azospirillum leh |
| | 2 | N 1~~ | Phosphobacterium a enkawl tur ani. |
| | | 1 | A chi hi December – January ah hmun |
| | | | zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | 1 1 1 1 | tlar mumal tak siam in chin tur ani. |
| | | 1 20 1 | + Chuan a chi chu lei tlem te a chhilh a |
| | | | buhpawla khuh tur ani. |
| | | LAWNGTLAU | Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur |
| | | - SAIHA | |
| | | | ▲ Ni 45 hnu velah a tiak thin a,chu chu |
| | | | bag ah an sawn chhuak leh thin ani. |
| | | | Jag an an sawn chindar ich unn alli. |
| | | K 17 1 | 210000 |
| | | 4 6 | 2 P a g e |

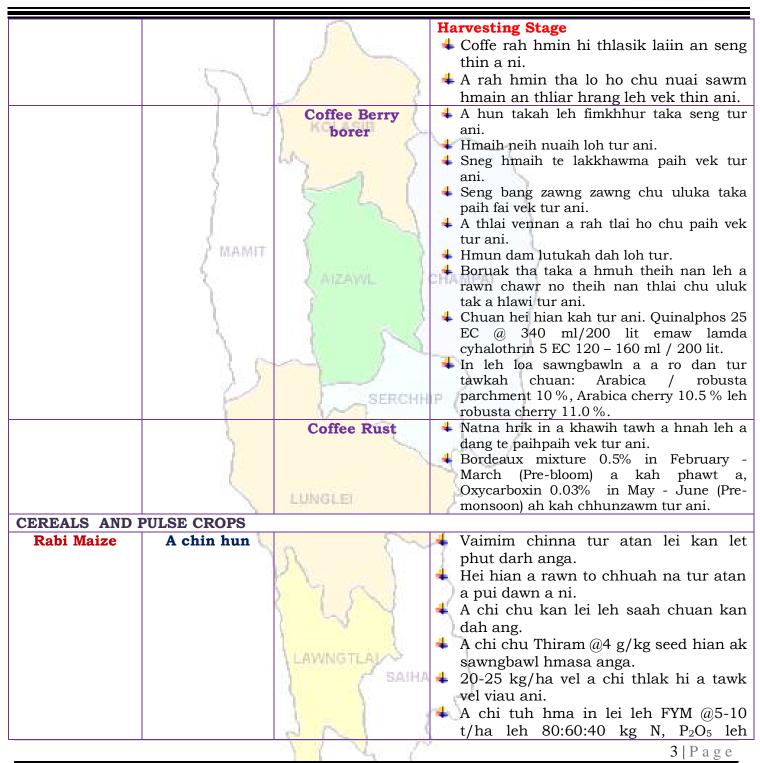


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| Soybean, pea, | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah |
|---|-----------------------------|--------------|--|
| lentil toria, breen gram and black gram cultivation in rice fellow | MAMIT | h | tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAWL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAL | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
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| Onion and capsicumNursery stagePoly houseHancozet @ 2gm ah tui leter 1 pawlha kah tur ani.Onion and capsicumNursery stagePoly houseA than a that theih nan nikhat danah tur pek thin tur ani.ImamirImamirA than a that theih nan nikhat danah tur pek thin tur ani.ImamirImamirA than a that theih nan nikhat danah tur pek thin tur ani.Imamir <td< th=""><th>ICAR</th><th></th><th></th><th></th></td<> | ICAR | | | |
|--|-------------|---------------|--------------|--|
| French bean Sowing stage French bean Sowing stage A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani. A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani. Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than a that theih nan nikhat danah tui pek hma in lei rin pan hmasak tur ani. A than a that theih nan nikhat danah tui pek hma in lei rin pan hmasak tur ani. A than a that theih nan nikhat danah tui pek hma in lei rin pan hmasak tur ani. A than a that theih nan nikhat danah tui pek hma in lei rin pan hmasak tur ani. Thi pek hnuah thiai bul vawn hnawn nan tur sim tur ani. Thi na that theih nan nikhat danah tui pek hnuah thi dum a rawn awm thina, hei hi natma falaglawn ber ani. Thiai hna lam chi leh zikhlum lam chi an tur ileter 1 pawlha kah tur ani. | | Nursery stage | THUR LINUILI | Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. A than a that theih nan nikhat danah |
| French beanSowing stageImage: Carrot and radishSowing stageImage: Carrot and radishImage: Carrot and radishSowing stageImage: Carrot and radishSowing stageImage: Carrot and radishImage: Carrot and radishImage: Carrot and radishSowing stageImage: Carrot and radishImage: Carrot and radishIma | capsicum | MAMIT | | Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| Carrot and radish Sowing stage LAWNGTLAS A than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nam Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. | | 35 | | emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a |
| radish tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nam Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. | French bean | Sowing stage | | A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel |
| C N S | | Sowing stage | LAWNGTLAN | A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 |
| | | | 2012 | 5 P a g e |

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



| ANIMAL HUSB | ENDARY | | |
|-------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | MAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN A | 6 P a g e |



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Guwahati)



| Preventive measures 0-3 rd week Chaw a hmuar/thing pel ani. Preventive measures 0-3 rd week Ranikhet Disease- an p 1-6 ah F1 vaccine pek tu a putilingh chuan R2B v ani. B complex with antibodie 4th weeks Coccidiosis- Amprococcidiostat FISHERY Calcium tonic fortified version of the preparation (Dil buatsaih) 0-2 weeks Dil buatsaihnan a tiht tak chu dil mawng photou ani. a, chu chuan du boruak chhia chambang thin Dil buatsaih) 0-2 weeks FISHERY Dil buatsaihnan a tiht tak chu dil mawng photou ani. a, chu chuan tu thur a nilovin natna lak atangi veng theiin, calcium an h tha tak ani bawk Dil buatsaih Dil buatsaihnan a tiht a tak ani bawk Holi buatsaih Holi buatsaihnan a tiht tak chu dil mawng photou ani ani. Chu chuan tui thur a sini chiai ani. C | | | | | |
|---|--|---|-------------------------|-------------|---------|
| ani. ani. B complex with antibodie 4th weeks Coccidiosis- coccidiostat 4-5th Weeks Calcium tonic fortified of Coccidiostat FISHERY Calcium tonic fortified of Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia takanbang thin Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia takanbang thin Dil buatsaihnan a tint tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia takanbang thin Dil buatsaihnan a tint tak chu dil mawng lei thur leh ti a thurdan a zirin chinai ani. Chu chuan tui thur a nilovin natna lak atangi veng theiin, calcium an h tha tak ani bawk Dil a hnimhnah leh bawl thenfai vek hian dil boru atangin a veng a, sa hlauhawm leh tibuaithe | ianghlim tak pek tur ing pek loh tur ani a, ak sak thut loh tur - an pian atanga ni pek tur ani a, chuan | Chaw a hmuar/thing pek loh tur an chaw eitur thlak sak thut lo ani. | 0-3 rd week | | |
| FISHERY 4-5th Weeks Calcium tonic fortified weeks Pond 0-2 weeks Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Dil buatsaih) SERCH Dil mawng lei thur leh ta a thurdan a zirin chinai ani. Chu chuan tui thur a nilovin natna lak atangi veng theiin, calcium an h tha tak ani bawk LUNCLE Dil a hnimhnah leh bawl thenfai vek hian dil boru atangin a veng a, sa hlauhawm leh tibuaither | - | ani. B complex with antibodies Coccidiosis- Amprolium | 4 th weeks | | |
| FISHERY Pond 0-2 weeks Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin (Dil buatsaih) 0-2 weeks Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin SERCH Dil mawng lei thur leh th a thurdan a zirin chinai ani. Chu chuan tui thur a nilovin natna lak atangi veng theiin, calcium an h tha tak ani bawk LUNCLE Dil a hnimhnah leh bawl thenfai vek hian dil boru atangin a veng a, sa hlauhawm leh tibuaither | | | | S MAMIT | |
| Pond preparation (Dil buatsaih) O-2 weeks Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d boruak chhia chambang thin Image: Dil buatsaihnan a tiht tak chu dil mawng pho deuh ani a, chu chuan d atangin a veng a, sa hlauhawm leh tibuaither | tified with B ₁₂ | | 4-5 th Weeks | 2 | |
| atangin a veng a, sa hlauhawm leh tibuaithe | ng phoro a lehphut huan dil mawng lei a mbangte a chhuahtir r leh thurloh entir a, chinai phul thin tur i thur a siam tha mai atangin sangha te a m an hmuhnan a thil h bawlhhlawh awmte | Dil buatsaihnan a tihtur pawi tak chu dil mawng phoro a le deuh ani a, chu chuan dil mawng boruak chhia chambangte a chhr thin Dil mawng lei thur leh thurloh er a thurdan a zirin chinai phul th ani. Chu chuan tui thur a siam th nilovin natna lak atangin sangha veng theiin, calcium an hmuhnan tha tak ani bawk Dil a hnimhnah leh bawlhhlawh a | SERC | preparation | FISHERI |
| LAWNGTLAN | a, sangha tan a uaithei rannung lak | 55 | | | |

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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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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Aizawl

Bulletin No: - 682/2016/ Bulletin/English

Date of issue: 10th March, 2017

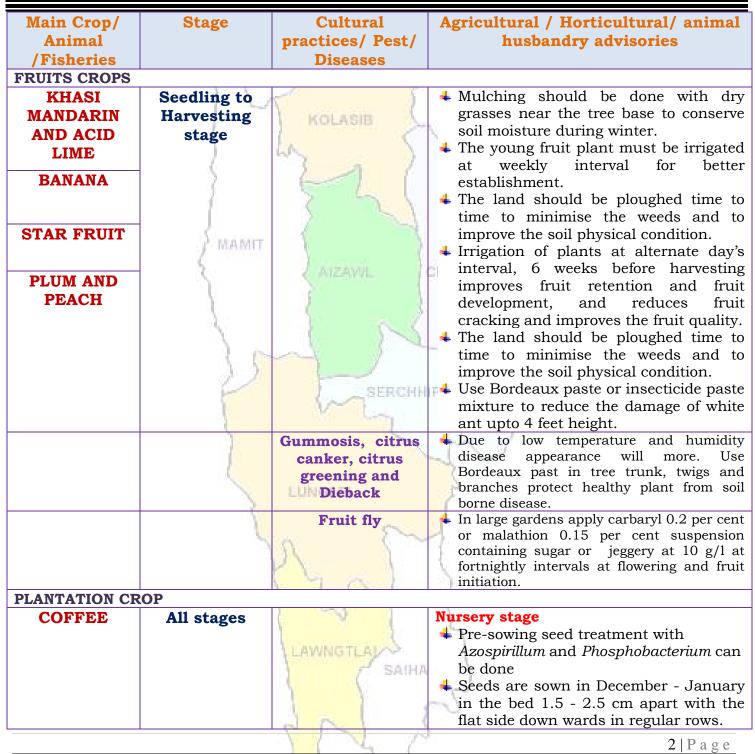
Period: 11 March - 15 March, 2017

| | No N | 6 | 1 | | |
|--|------------------------------|--|----------------------------|---------------------------------------|-------------------------|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 |
| Rainfall (mm) | 17 | 67 | 10 | 0 | 0 |
| Max Temp (°C) | 26 | 25 | 25 | 26 | 27 |
| Min Temp (°C) | 12 | 12 | 13 | 11 | 10 |
| Cloud Coverage | Partially clear | Partially clear | Partially clear | Clear sky | Clear sky |
| Max RH (%) | 98 | 99 | 99 | 90 | 82 |
| Min RH (%) | 43 | 70 | 89 | 29 | 18 |
| Wind Speed (KmpH) | 4 | 7 | 4 | 4 | 4 |
| *Wind Direction | S-E | S-E | S-E | E | E |
| Souther | ly- <mark>S</mark> , South-V | Easterly- <mark>N-E</mark> , Eas Vesterly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | |
| STATUS OF MONSO | | • | • • | - | • |
| Aizawl- 384.87mm | - | | Saiha- 307.40 n | | 236.00mm |
| (430.2mm) | | (359.89mm) | (507.7r | | (428.1mm) |
| Lawngtlai-291.20mm | | | Mamit-204.87n | | -411.72mm |
| (453.1mm) | | (465.14mm) | (442.80r | · · · · · · · · · · · · · · · · · · · | (259.62mm) |
| Weather summary | | Weather foreca | | |)17 To 15 th |
| three day | | | March, 2 | | 11 1 1 .1 |
| Maximum Tem. (°C):2 Minimum Tem. (°C):1 | | There are chance | | ~ | U |
| Maximum RH (%):86- | | next 3 days. The | | | - |
| Minimum RH (%):34- | F T O (| the next 5 day | 5 0 | | |
| Wind Direction: Sout | hooston1- | Maximum relativ | . | · · · · · | 0 |
| Cloud cover: Clear sk | | 99% and minin | • | | |
| Wind speed: 3-4 km/ | hr . | would be southe | • | • | - |
| nina speca. e i iiii, | | 4-7 km per hour | . Partially clear | r will prevail du | ring the next |
| Rainfall: 9.1 mm | | five days. | | | |
| | | | | | |
| | | Weekl | y cumulative i | rainfall: 9 4.0 1 | nm |
| NDVI for Mizoram | | North East Region 02 February | ²⁰¹⁷ Moderately | wet mildly dr | y/mildly wet |
| | | | conditions | | |
| | | | ckground - Moder | | |
| | | 0.4-0.5 | - Good | | |
| | | 0.6-0.7 | yery G | | |
| | | Agriculture vigour is moderate over most of the parts in Eastern states, whereas few patches in Assam, Manipu Arunachal Pradesh shows good vigour. | North- ir and | | |
| | | 001 | No. | | |
| | | Y V | 177 | | 1 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION

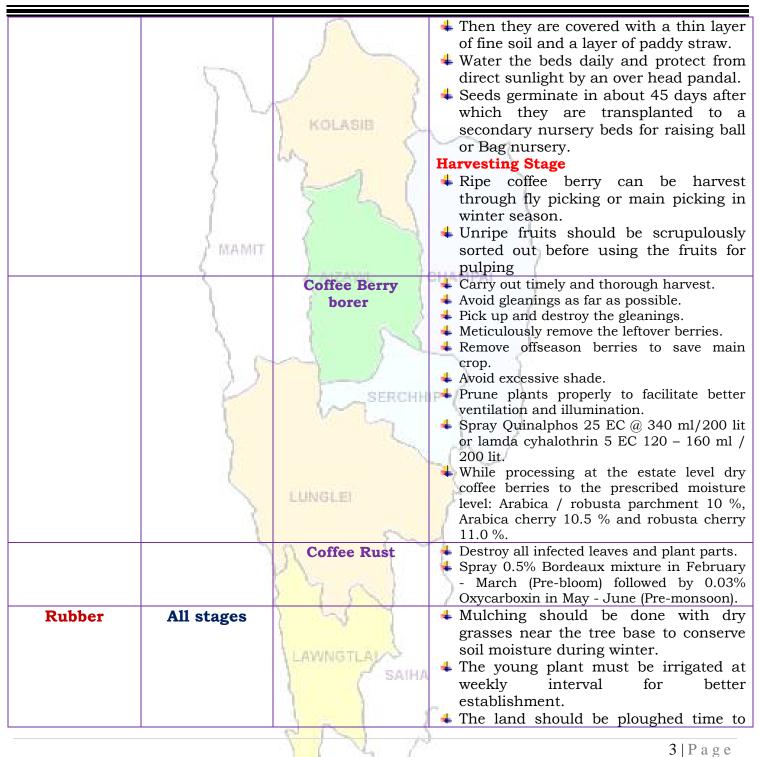






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ICAR RESEARCH COMPLEX FOR NEH REGION



| | 5 | \mathcal{A} | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
|--------------------------|---------------------------------|-------------------|--|
| CEREALS AND I | | KOLASIE X. | |
| Maize (<i>Jhum</i>) | Land preparation | La C | Remove all weed plant from the selected place. Keep the plant, leaves and wood for dry. Burn it when it will be dry. |
| Rabi Maize | Cob formation stage MAMIT | AIZAWL | Light irrigation on every week may be given for better establishment and smooth growth. Earthing up soil near to plant for better support. Maize rust disease will prevail due to high relative humidity with low temperature. Apply Mancozeb Kg/ha for effective control. Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative growth stage | LUNGLEI | Light irrigation on every alternate day may be given for better establishment and smooth growth. Earthing up soil for better aeration of root growth. If irrigation is not available keep grass and dry leaves as mulch. |
| VEGETABLE CRO | OP | - 81 - 700-000 | Europe Contraction of |
| Tomato | Harvesting stage | | Light irrigation on every alternate day may be given for better establishment and smooth growth. If irrigation is not available keep grass and dry leaves as mulch. Harvest all the mature which colour change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Tomato. Cloudy and humid weather is most favorable for the disease. |
| | | VIN P | 4 P a g e |



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| | | A | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|--|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | + Harvest all mature fruits in capsicum. |
| | | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | A P | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 W | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWNGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | 8N2 1 | 5 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| | | | Sow 2-3 seed per whole. |
|----------------|---------------|---|--|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | N N | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1.5 | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| | | transplanted | 100 A |
| | | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | (2) | selected place. |
| | 1 | 1 | 4 Keep the plant, leaves and wood for |
| |) MAMIT | | dry. |
| ANIMAL IIIIODD | NDADY | the second second | 🗕 Burn it when it will be dry. |
| ANIMAL HUSBE | | 20 | A the mosther sets colder your size? |
| Pig | All stages | 1 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | A | $N = \sqrt{2}$ | they need more energy to keep warm. |
| | | 1 1 2 | Regularly monitor their level of 'fitness' |
| | 1.0 | ~ 1 | and increase their feed intake to |
| | 12 | | maintain. |
| | | SERCHH | Fish oils are excellent for providing |
| | | V Land | slow-release energy with the added |
| | 5 | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | | Reproductive | |
| | | Respiratory | ph. |
| | Sec. | Syndrome | (|
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | | months and yearly interval/6 month |
| 0.441- | | 1 7 al | interval |
| Cattle | All age group | N LI V | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. For balanced diet and nutrition to |
| | | A AND A A | your cattle, provide urea molasses |
| | | LAWNGTLAK | treated paddy straw. |
| | | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | All age group | Disease (FMD) | • every 6 month. |
| | | DISCASC (FIND) | |
| | | 6121 | 61Do co |
| | | | 6 P a g e |



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| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|---------|-------------|---|--|
| | Toung stage | | Primary vaccination 6 month or above |
| | | (BQ) | Revaccination annually |
| Poultry | Litter | 1 N | ♣ Birds require adequate space, sufficient |
| Foundy | | 1 8 | feed to meet their nutritional |
| | management | F | requirements and an adequate supply |
| | | KOLASIB | of good-quality water. |
| | 6 | 1. | Good management and sanitation are |
| |) | NS (3) | the best ways to avoid infectious |
| | - S | 2 1 | disease in poultry. |
| | 1 | | + Provide ample quantity of clean |
| | | 5. 21 | drinking water. |
| | 1 | | + Avoid feeding of mouldy feed. Don't |
| | J MAMIT | | make sudden changes in feed |
| | Preventive | 0-3 rd week | Ranikhet Disease- F1 vaccine at (1-6) |
| | measures | Concessione: | days of birth and R ₂ B vaccine for adult |
| | | 5 | birds. |
| | | | B complex with antibodies |
| | | 4 th weeks | 4 Coccidiosis - Amprolium or |
| | 1 10 | ~ / | coccidiostat |
| | 12 | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | 1 | SERCHH | IP (|
| | Pond | 0-2 th weeks | 4 Drying and tilling of the pond bottom is |
| | preparation | 1 C C C C C C C C C C C C C C C C C C C | an important step in preparation of |
| | | | pond which enables release of toxic |
| | | | gases from the pond bottom. |
| | | LUNGLEI | + The pH of the pond bottom soil needs |
| | 1 | | to be tested and appropriate quantity of |
| | | 5 | lime should be applied depending on |
| | | 0 0~ | the soil pH. Liming not only helps in |
| | | | correcting the pH but helps in preventing disease as well as acts as a |
| | | Yal | source of calcium for the fishes. |
| | - | N LIN | 4 Complete eradication of aquatic weeds |
| | | 1 N | helps in avoiding deterioration of pond |
| | | Construction and the | environment and protecting fishes from |
| | | LAWNGTLA | unwanted fishes and aquatic insects. |
| | · | SAIHA | |
| | | | 7 |
| | | 1 2 1 | |
| | | 61 N | 710 |
| | | | 7 P a g e |



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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LAWNGTLA SAIHA

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



District: Aizawl

| Bulletin No: | 682/20 |)16/ Bulletin | /Mizo |
|--------------|--------|---------------|-------|
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Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| Rainfall (mm)17671000Max Temp (%C)2625252627Min Temp (%C)1212131110Cloud CoveragePartially clearPartially clearPartially clearClear skyClear skyMin RH (%)9899999082Min RH (%)9899999082Min RH (%)4370892918Wind Speed (KmpH)47444*Wind DirectionS-ES-ES-EEENorth-Easterly- N.E, Easterly- R.South-Easterly- S-B, South-Westerly- S-W, Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizavl-384.87mmChamphai-105.48mmSalha-307.40 mmKolasib-236.00mm(430.2mm)(435.14mm)(442.80mm)(259.62mm)(445.14mm)(442.80mm)(259.62mm)(259.62mm)Weather summary of the past three days11th March-15th March, 2017 chhunga sik leh sa dinhmun tur tlangpuiMaximum RH (%):34-61% Wind speed: 3-4 km/hr11th March-15th March, 2017 chhunga sik leh sa dinhmun tur tlangpuiRainfall: 9.1 mmWeekly cumulative rainfall: 94.0mmNDVI for MizoramImmImmetion and the run in the deviation form southeasterly Goud cover: Clear sky Wind speed: 3-4 km/hrNDVI for MizoramImmetion and southeasterly and southeasterly and southeasterly and southeasterlyImmetion and southeasterly and southeasterly< | | N N | 1 | 1 | | |
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| Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawl- 384.87mm Champhai- 105.48mm Saiha- 307.40 mm Kolasib- 236.00mm (428.1mm) (428.1mm) (453.1mm) (453.1mm) (455.14mm) (507.7mm) (428.1mm) (455.14mm) (455.14mm) (259.62mm)Weather summary of the past three daysI1th March- 15th March, 2017 chhunga sik leh sa dinhmun tur tlangpuiMaximum Tem. (°C):13-15°C Minimum RH (%):86-96% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 3-4 km/hrTun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 21-28°C a ni ang a. A vawh lai ber in 10-13°C ni tura beisei a ni. RH san lai berin 82-99% leh a hniam lai berin 18-89% ni tur a rim niin. Thli hi darkar khatah 4-7 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.NDVI for MizoramWet Met at the train and the second and the sec | Wind Speed (KmpH) | 4 | 7 | 4 | 4 | 4 |
| Southerly- S. South-Westerly- S. W. Westerly-W. North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mmChamphai- 105.48mmSaiha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three days11 th March-15 th March, 2017 chhunga sik leh sa dinhmun tur tlangpuiMaximum Tem. (°C):24-26°CTun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 21-28°C a ni ang a. A wawh lai ber in 10-13°C ni tura beisei a ni. RH san lai berin 82-99% leh a hniam lai berin 18-89% ni tur a rim niin. Thli hi darkar khatah 4-7 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.Rainfall: 9.1 mmWeekly cumulative rainfall: 94.0mmNDVI for MizoramMetre term term of the there were there there are the transmit of the there of the term term of the there were there there are the term term of the there were there there are the term term of the there of the term term of the there were there there are the term term of term term of the term term of term t | *Wind Direction | S-E | S-E | S-E | E | E |
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| Weather summary of the past three days11th March- 15th March, 2017 chhunga sik leh sa dinhmun tur tlangpuiMaximum Tem. (°C):24-26°C Minimum Tem. (°C):13-15°C Maximum RH (%):86-96% Minimum RH (%):34-61% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 3-4 km/hrTun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 21-28°C a ni ang a. A vawh lai ber in 10-13°C ni tura beisei a ni. RH san lai berin 82-99% leh a hniam lai berin 18-89% ni tur a rim niin. Thli hi darkar khatah 4-7 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.Rainfall: 9.1 mmWeekly cumulative rainfall: 94.0mmNDVI for MizoramImage of the the the transmitter of the term of term | Aizawl- 384.87mm (430.2mm) Lawngtlai-291.20mm | Champhai Lunglei- | i- 105.48mm (359.89mm) 326.00mm] | Saiha- 307.40 n (507.7n Mamit-204.87n | nm Kolasib- nm) nm Serchhip | 236.00mm (428.1mm) 0-411.72mm |
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| Arriculture vigour is moderate over most of the parts in North- Eastern tartes, whereas free patches in Assam, Manipur and Annachal Pradesh shows good vigour. | Maximum Tem. (°C):2 Minimum Tem. (°C):1 Maximum RH (%):86- Minimum RH (%):34-0 Wind Direction: Sout: Cloud cover: Clear sk Wind speed: 3-4 km/ Rainfall: 9.1 mm | 24-26°C / 3-15°C / 96% / 61% / heasterly / y //hr | Tun ni 4 chhun tura beisei a ni. vawh lai ber in berin 82-99% le niin. Thli hi dar awi zawngin a tle hian khawthiang Weekl | ng lo awm tura Khua a lum lai 10-13ºC ni tu h a hniam lai kar khatah 4-7 ch rin a ni. A tl g tak hmuh beis y cumulative | ah hian ruahtu berin 21-28°C ara beisei a ni berin 18-89% 7 km vela chak angpuiin tun n sei a ni. rainfall: 94.0r | a ni ang a. A . RH san lai ni tur a rin tin chhaklam i nga chhung nm |
| 1 P a g e | NDVI for Mizoram | | Articular views is moderate over most of the parts in the | e soll/w Seround } Modes } Good } wry d Worth- | wet mildly dr | |



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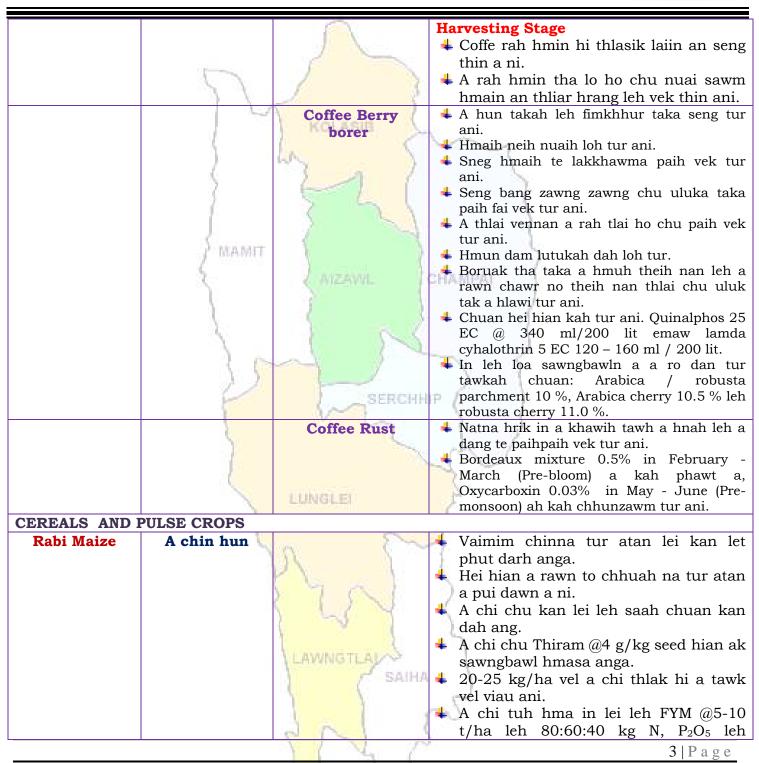


| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|---------------|--------------|-------------------------|---|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | I | I |
| KHASI | A kui atanga | 20 | 4 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | | I NULROID | velah dahkhawm tur ani. |
| LIME | | LA. N | 4 Thlai naupang deuah chuan chawlh |
| | 6 | 3 4 1 | kar tin a tui pek thin tur ani. |
| BANANA | 2 | | 4 Leia tha mamawh tawk a hmuh |
| | 1 | 2 5 1 | theihna turin a hmunhma a hnim awm |
| | | 2 | te thlawhfai thin tur ani. |
| STAR FRUIT | AMAMIT | | 4 A seng hma kar 6 chhung chu tui tha |
| | 1 menner | 1 | taka pek hian a rah tla tur chelh nan |
| PLUM AND | 2 | A AIZAWIL | leh a rah than that nan te leh a rah |
| | | 1 | keh tur lakah t a veng thei ani. |
| PEACH | | | Transactory hair we heter hit has seen a seen |
| | 1 | Gummosis, citrus | Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna |
| | | canker, citrus | laka vennan Bordeaux past hi thing zar leh |
| | 100 | greening and Dieback | a trangah te hnawih tur ani. |
| | | Fruit fly RCHH | + Huan zau takah chuan a par tan tirh leh a |
| | 1000 | A REAL | rah tan tirin chawlhkar hnih chhung chu |
| | | Y La | heng te hian enkawl tur ani: carbaryl 0.2 |
| | 5 | | percent emaw malathion 0.15 percent |
| | | | suspension containing sugar or jeggery at |
| | | | 10 g/l. |
| PLANTATION CR | | EGINGLEI | |
| COFFEE | All stages | | Nursery stage |
| | 1 | 0 | + Thlai chi thlak hma in Azospirillum leh |
| | 1 | 0 (~~ | Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmun |
| | | 31 | zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | M AL | tlar mumal tak siam in chin tur ani. |
| | | | 4 Chuan a chi chu lei tlem te a chhilh a |
| | | | buhpawla khuh tur ani. |
| | | | 4 Nitin tui pek tur ani a, a sat lutuka loh |
| | | LAWNGTLAK | nan niin a chhun loh nan zar hliah tur |
| | | / SAIHA | |
| | | 19 - A | $\stackrel{\text{curr}}{=}$ Ni 45 hnu velah a tiak thin a,chu chu |
| | | | bag ah an sawn chhuak leh thin ani. |
| | | 201 | |
| | | VIL / | 2 P a g e |



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| | 2 | \sum | K_2O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. |
|--|-----------------------------|--------------|--|
| Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow | All stage | Zero tillage | A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAWL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAU | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
| | | 612 1 | 4 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| | 2 | KOLASIB | awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
|-----------------------|---------------|-----------------------|--|
| Onion and capsicum | Nursery stage | Poly house | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| | 35 | Phytopthora blight | A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani. |
| French bean | Sowing stage | LUNGLEI | Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani. |
| Carrot and radish | Sowing stage | | A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
| | | 8 M 2 | 5 1D |
| | | | 5 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| ANIMAL HUSBE | ENDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | AMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | SERCHH | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLA | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN / | 6 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast receired from IMD, Guwahati)



| | Preventive measures | 0-3 rd week | Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani. Ranikhet Disease- an pian atanga ni 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R₂B vaccine pek tur ani. B complex with antibodies Coccidiosis- Amprolium or |
|---------|---------------------------------------|-------------------------|--|
| | - E | H- WEEKS | Coccidiosis- Amprolium or coccidiostat |
| | 7 MAMIT | 4-5 th Weeks | Calcium tonic fortified with B ₁₂ |
| FISHERY | 1 | ANZAWIL I | CHAMPAI |
| | Pond preparation (Dil buatsaih) | 0-2 weeks SERCHH | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtin thin Dil mawng lei thur leh thurloh entir a, a thurdan a zirin chinai phul thin tur ani. Chu chuan tui thur a siam tha mai nilovin natna lak atangin sangha te a veng theiin, calcium an hmuhnan a thil tha tak ani bawk Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| | | LAWNGTLAY | 7 Page |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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CHAMPAI



8 | P a g e



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: 11 March - 15 March, 2017

| Bulletin | No: | 682 | /2016/ | Bulletin | /English |
|-----------------|-----|-----|--------|----------|----------|
| | | - | 1 | | 1 |

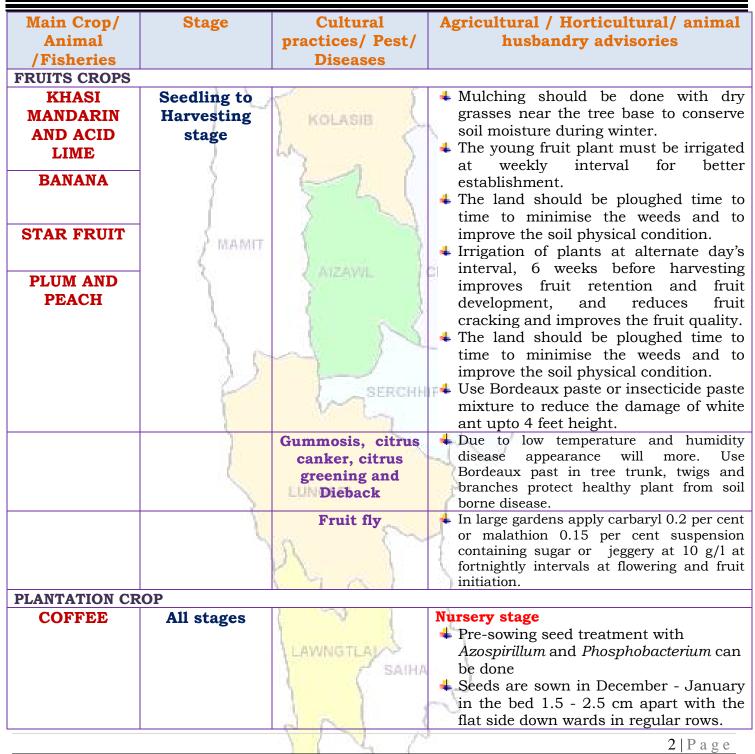
Date of issue: 10th March, 2017

| | 1000 AND | | | | | | |
|-------------------------|----------------|--|---------------------|-------------------------------|-------------------------------|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 | | |
| Rainfall (mm) | 10 | 35 | 10 | 0 | 0 | | |
| Max Temp (°C) | 26 | 26 | 25 | 26 | 27 | | |
| Min Temp (°C) | 15 | 15 | 15 | 13 | 12 | | |
| Cloud Coverage | Mainly cloudy | Partially clear | Partially clear | Clear sky | Clear sky | | |
| Max RH (%) | 92 | 98 | 98 | 85 | 69 | | |
| Min RH (%) | 41 | 63 | 91 | 31 | 18 | | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 6 | | |
| *Wind Direction | S | S-E | S-E | S-E | S-E | | |
| Northe | rly- N, North- | Easterly- <mark>N-E</mark> , Eas | sterly- E, South | -Easterly- <mark>S-E</mark> , | | | |
| | | Vesterly- <mark>S-W</mark> , We | | | | | |
| STATUS OF MONSO | | | | | arenthesis) | | |
| Aizawl- 384.87mm | Champha | i- 105.48mm | Saiha- 307.40 n | nm Kolasib- | 236.00mm | | |
| (430.2mm) | | (359.89mm) | (507.7r | nm) | (428.1mm) | | |
| Lawngtlai-291.20mm | Lunglei- | 326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm | | |
| (453.1mm) | | (465.14mm) | (442.80r | nm) | (259.62mm) | | |
| Weather summary | of the past | Weather foreca | ast valid from | 11 th March, 20 |)17 To 15th | | |
| three day | s | | March, 2 | 2017. | | | |
| Maximum Tem. (°C):2 | 25-27°C | There are chances of moderate to heavy rainfall during the | | | | | |
| Minimum Tem. (°C):1 | | next 3 days. The maximum and minimum temperatures for | | | | | |
| Maximum RH (%):84- | | the next 5 days may range for 25-27°C and 12-15°C. | | | | | |
| Minimum RH (%):24- | 400/ | Maximum relativ | · · · | | | | |
| Wind Direction: Sout | | 98% and minin | Ũ | | 0 | | |
| Cloud cover: Mainly o | | | 0 | | | | |
| Wind Speed: 4 km/hr | | would be southerly to southeasterly with the wind speed of | | | | | |
| | | 4-6 km per hour. Partially clear sky will prevail during the | | | | | |
| Rainfall: 31.2 mm | | next five days. | | | | | |
| | | | | | | | |
| | | | | rainfall: 55.0 1 | | | |
| NDVI for Mizoram | | North East Region 02 February | | wet mildly dr | y/mildly wet | | |
| | | | conditions | | | | |
| | | | ckground } Moder | | | | |
| | | 0.4-0.5 | Good | | | | |
| | | 0.5-0.7 | - Very G | | | | |
| | | Agriculture vigour is moderate over most of the parts in Eastern states, whereas few patches in Assam, Manipu | North- ar and | | | | |
| | | Arunachal Pradesh shows good vigour. | | | | | |
| | | 612 | 2 | | 1 D | | |
| | | | S | | 1 P a g e | | |



ICAR RESEARCH COMPLEX FOR NEH REGION

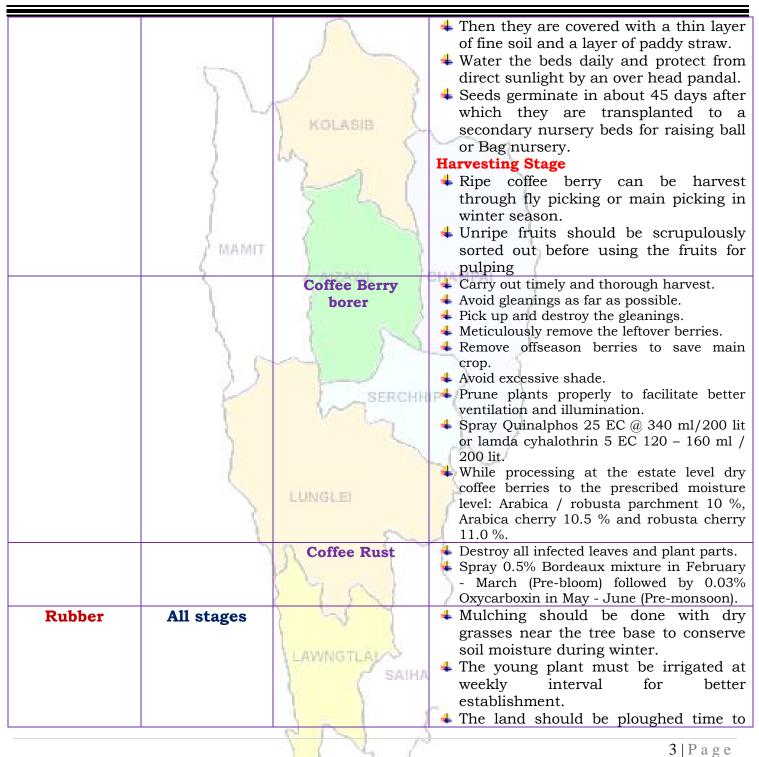






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ICAR RESEARCH COMPLEX FOR NEH REGION



| | 5 | \sum | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
|-----------------|------------------------------|-------------------|--|
| CEREALS AND I | | | |
| Maize (Jhum) | Land preparation | LASIS E | Remove all weed plant from the selected place. Keep the plant, leaves and wood for dry. Burn it when it will be dry. |
| Rabi Maize | vegetative stage MAMIT | AIZAWA | Light irrigation on every week may be given for better establishment and smooth growth. Earthing up soil near to plant for better support. Maize rust disease will prevail due to high relative humidity with low temperature. Apply Mancozeb Kg/ha for effective control. Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative growth stage | LUNGLEI | Light irrigation on every alternate day may be given for better establishment and smooth growth. Earthing up soil for better aeration of root growth. If irrigation is not available keep grass and dry leaves as mulch. |
| VEGETABLE CRO | | | |
| Tomato | Harvesting stage | LAWNGTLAL | Light irrigation on every alternate day may be given for better establishment and smooth growth. If irrigation is not available keep grass and dry leaves as a mulch. Harvest all the mature which colour change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Tomato. Cloudy and humid weather is most favorable for the disease. |
| | | | |



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| | | A | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|--|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hactore. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | + Harvest all mature fruits in capsicum. |
| | | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AP | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 LA | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWNGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | 8N2 1 | 5 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| | | | Sow 2-3 seed per whole. |
|--------------|--------------------------------------|-----------------------------------|---|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | N N | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1. | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | 1 | irrigation in | + Provide fertilizer @ 120: 60: 60 Kg/ha |
| |) | transplanted | |
| | | okra field. | |
| Ginger and | Land | | + Remove all weed plant from the |
| turmeric | preparation | (A) | selected place. |
| | | | 4 Keep the plant, leaves and wood for |
| | / MAMIT | | dry. |
| | a surranne | the second | 🕇 Burn it when it will be dry. |
| ANIMAL HUSBE | | | |
| Pig | All stages | 5 | + As the weather gets colder, your pigs |
| | A.C. | 1 2 2 | energy requirement will increase, as |
| | | () >> | they need more energy to keep warm. Regularly monitor their level of 'fitness' |
| | 1 1 | ~ 1 | and increase their feed intake to |
| | $(\langle \langle \rangle \rangle)$ | | maintain. |
| | | SERCHH | |
| | | W L | slow-release energy with the added |
| | | | advantage of a high level of omega-3. |
| | 198 | Porcine | 1. Culling of positive pigs or piglets. |
| | | Reproductive | |
| | 1 | Respiratory | No. 1 |
| | S. | Syndrome | 6 |
| | 1 | (PRRS). | (|
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | | months and yearly interval/6 month |
| | | | interval |
| Cattle | All age group | $\langle \langle \rangle \rangle$ | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. |
| | | | For balanced diet and nutrition to |
| | | LAWNGTLA | your cattle, provide urea molasses |
| | | - SAIHA | treated paddy straw. |
| | All age group | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | | Disease (FMD) | every 6 month. |
| | | en l | |
| | | NY V. | 6 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



| Poultry Litter management Revaccination annually Birds require adequate space, sufficient feed to meet their nutritional requirements and an adequate supply of good-quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed Rankihet Disease F1 vaccine at (1-6) days of birth and R₂B vaccine for adult birds. B complex with antibodies Good disease f1 vaccine at (1-6) days of birth and R₂B vaccine for adult birds. B complex with antibodies Fishery Pond preparation O-2th weeks Coccidiosistar and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied depending on the solid betweeks to be tested and appropriate quantity of lime should be applied for the fishes. Complete eradication of aquatic weeks to be tested and appropriate quantity of lime should be the pond botto | | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|--|---------|-------------|-------------------------|--|
| Poultry Litter management Birds require adequate space, sufficient feed to meet their nutritional requirements and an adequate supply of good-quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed Avoid feeding of birth and R₂B vaccine for adult birds. B complex with antibodies FISHERY Pond preparation O-2th weeks Coccidiosis- for the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom. Source of calcium for the fishes. Complete cradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | Toung stage | | |
| Poultry Litter management # Birds require adequate space, sufficient feed to meet their nutritional requirements and an adequate supply of good-quality water. Cood management meet their nutritional requirements and an adequate supply of good-quality water. Cood management and sanitation are the best ways to avoid infectious disease in poultry. Preventive measures 0-3 rd week # Ranikhet Disease- F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds. Preventive measures 0-3 rd week # Coccidiosisa- Amprolium or coccidiostat 4 th weeks # Coccidiosisa- Amprolium or coccidiostat FISHERY 0-2 th weeks # Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in reventing disease and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in reventing disease and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in reventing disease and appropriate weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | (DQ) | - |
| management KCLASTE feed to meet their nutritional requirements and an adequate supply of good quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. Good management and sanitation are the best ways to avoid infectious disease in poultry. Preventive measures 0-3 rd week # Avoid feeding of mouldy feed. Don't make sudden changes in feed Preventive measures 0-3 rd week # Ranikhet Disease- F1 vaccine at (1-6) days of birth and RB vaccine for adult birds. 4 th weeks # Coccidiosis- Amprolium or coccidiostat 4 5th Weeks # Calcium tonic fortified with B12 FISHERY 0-2th weeks # Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. UNGLE The pH of the pond bottom soil needs to be tested and appropriate quantity of line should be applied depending on the soil pH. Liming not only helps in preventing disease as well as acts as a source of calcium for the fishes. 4 Complete eradication of aquate weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | Poultry | Litter | | 2 |
| Image and a sequence of the point the point of the point of the point of the p | routtry | | 1 1 | |
| Image: constraint of good-quality water. Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed Avoid feeding of mouldy feed. Don't make sudden changes in feed Preventive measures 0-3 rd week Ramithet Disease- F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds. 4 Coccidiosis- Amprolium or coccidiostat Coccidiosis- Amprolium or coccidiostat 4-5th Weeks Coccidiosis- Amprolium or coccidiostat FISHERY O-2th weeks Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. LUNGLE The pH of the pond bottom. The pH of the pond bottom. LUNGLE Complete eradication of aquatic weeks is a source of calcium for the fishes. Complete eradication of aquatic weeks is a source of aclium for the fishes. | | management | 1 | |
| Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Preventive measures 0-3 rd week 4th weeks 4 Ranikhet Disease - F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds. 4 th weeks 4 Coccidiosis - Amprolium or the solid pitch - Amprolium or the solid pitch - Amprolium or the solid pitch - Amprolium or t | | | KOLASIB | |
| Image: Second | | | 1. | |
| Bernald And Antiperiod Antiperi | |) | 60 J | |
| Preventive measures O-3 rd week Preventive measures O-3 rd week Avoid feeding of mouldy feed. Don't make sudden changes in feed Ranikhet Disease- F1 vaccine at (1-6) days of birth and R₂B vaccine for adult birds. B complex with antibodies Coccidiosis- Amprolium or coccidiostat Calcium tonic fortified with B₁₂ FISHERY Pond preparation O-2th weeks Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | - S | 111 | |
| MAMIT Avoid feeding of mouldy feed. Don't make sudden changes in feed Preventive measures 0-3 rd week 4th weeks Ranikhet Disease- F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds. 4th weeks E Coccidiosis- Amprolium or coccidiostat 4-5th Weeks Calcium tonic fortified with B12 FISHERY O-2th weeks Pond preparation O-2th weeks Coccidiosis- Improvement and properties of toxic gases from the pond bottom. LUNGLE The pH of the pond bottom. Correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond which enables from unwanted fishes and aquatic insects. | | | | |
| Preventive measures 0-3 rd week 4 Avoid feeding of mouldy feed. Don't make sudden changes in feed Preventive measures 0-3 rd week 4 Ranikhet Disease- F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds. 4 th weeks 4 Coccidiosis- Amprolium or coccidiostat 4-5th Weeks 4 Calcium tonic fortified with B ₁₂ FISHERY 0-2th weeks 4 Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom. 4 The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in preventing disease as well as acts as a source of calcium for the fishes. 4 Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | 1 | | 1 1 5 |
| Preventive measures 0-3 rd week # Ranikhet Disease- F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds. 4 th weeks # B complex with antibodies 4 th weeks # Coccidiosis- Amprolium or coccidiostat 7 Coccidiostat # Calcium tonic fortified with B12 FISHERY # Calcium tonic fortified with B12 Pond preparation 0-2th weeks Pond preparation 0-2th weeks * Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. * The pH of the pond bottom. * The pH of the pond bottom. * The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in correcting the pH but helps in correcting disease as well as acts as a source of calcium for the fishes. * Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | 11 | |
| Preventive measures 0-3 rd week 4 Ranikhet Disease- F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds. 4th weeks 4 complex with antibodies 4th weeks 4 Coccidiosis- coccidiosisat 4-5th Weeks 4 Calcium tonic fortified with B12 FISHERY 0-2th weeks Pond preparation 0-2th weeks 4 Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. 4 The pH of the pond bottom. 4 The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in preventing disease as well as acts as a source of calcium for the fishes. 4 Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | MAMIT | | |
| measures days of birth and R2B vaccine for adult birds. 4 th weeks B complex with antibodies 4 th weeks Coccidiosis- Amprolium or coccidiostat 4.5th Weeks Calcium tonic fortified with B12 FISHERY O-2th weeks Pond preparation 0-2th weeks Y The pH of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. Y The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | 0-3 rd week | |
| Junction Junction <td< th=""><th></th><th></th><th>C MICANIC</th><th></th></td<> | | | C MICANIC | |
| 4th weeks 4 Coccidiosis- coccidiostat Amprolium or coccidiostat 4-5th Weeks 4 Calcium tonic fortified with B12 FISHERY 0-2th weeks 4 Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. 1 1 1 1 1 | | measures | | |
| 4th weeks 4 Coccidiosis- coccidiostat Amprolium or coccidiostat 4-5th Weeks 4 Calcium tonic fortified with B12 FISHERY 0-2th weeks 4 Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. 1 1 1 1 1 | | | 5 | H B complex with antibodies |
| Pond 0-2 th weeks Calcium tonic fortified with B ₁₂ FISHERY 0-2 th weeks Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | 1 | 4 th weeks | |
| Y Y Pond preparation 0-2 th weeks Pond preparation 0-2 th weeks + Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. + The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. + Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | |) | all some | |
| Pond preparation 0-2th weeks Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. Image: Ima | | | 4-5 th Weeks | |
| Pond preparation 0-2th weeks Drying and tilling of the pond bottom is an important step in preparation of pond which enables release of toxic gases from the pond bottom. Image: Ima | FISHERY | 1 | | |
| preparation an important step in preparation of pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | - | Pond | 0.2th weeks | + Drying and tilling of the pond bottom is |
| pond which enables release of toxic gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | U-2 WCCRS | |
| gases from the pond bottom. The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | preparation | | |
| The pH of the pond bottom soil needs to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | 100 | | - |
| to be tested and appropriate quantity of lime should be applied depending on the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | × 1 | L'UNITE EL | |
| the soil pH. Liming not only helps in correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | 2 | CONGEDI | to be tested and appropriate quantity of |
| correcting the pH but helps in preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | 1 | | lime should be applied depending on |
| preventing disease as well as acts as a source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | -~3 E~~ | the soil pH. Liming not only helps in |
| source of calcium for the fishes. Source of calcium for the fishes. Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | | correcting the pH but helps in |
| Complete eradication of aquatic weeds helps in avoiding deterioration of pond environment and protecting fishes from unwanted fishes and aquatic insects. | | | | y preventing disease as well as acts as a |
| LAWNGTLAI LAWNGTLAI SAMA SAMA SAMA SAMA SAMA SAMA SAMA SA | | | | |
| LAWNGTLANS environment and protecting fishes from unwanted fishes and aquatic insects. | | | 1 45 4 | 4 Complete eradication of aquatic weeds |
| unwanted fishes and aquatic insects. | | | | helps in avoiding deterioration of pond |
| unwanted lishes and aquatic insects. | | | LAWNGTI AL | environment and protecting fishes from |
| 20155 | | | PARA PARA | unwanted fishes and aquatic insects. |
| TIDese | | | | |
| TIDese | | | | 10 |
| 71Daga | | | 101 | |
| | | | TN A | 7 P a g e |



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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LAWNGTLA SAIHA

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Guwahati)



District: Champhai

| | | | 1.1 | 1 |
|--------------------|--------|----------|-------|---|
| Bulletin No: - 682 | /2016/ | Bulletin | /Mizo | |

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | 10 M | P. | | | | | |
|------------------------|---------------------------------------|--|---------------------------|---------------------------------------|---------------------------------------|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 | | |
| Rainfall (mm) | 10 | 35 | 10 | 0 | 0 | | |
| Max Temp (°C) | 26 | 26 | 25 | 26 | 27 | | |
| Min Temp (°C) | 15 | 15 | 15 | 13 | 12 | | |
| Cloud Coverage | Mainly cloudy | Partially clear | Partially clear | Clear sky | Clear sky | | |
| Max RH (%) | 92 | 98 | 98 | 85 | 69 | | |
| Min RH (%) | 41 | 63 | 91 | 31 | 18 | | |
| Wind Speed (KmpH) | 4 | 4 | 4 | 4 | 6 | | |
| *Wind Direction | S | S-E | S-E | S-E | S-E | | |
| | | Easterly- <mark>N-E</mark> , Eas Vesterly- <mark>S-W</mark> , We | | | | | |
| STATUS OF MONSO | | | | | a man (1) a cia) | | |
| Aizawl- 384.87mm | | | Saiha- 307.40 n | | 236.00mm | | |
| (430.2mm) | · · · · · · · · · · · · · · · · · · · | (359.89mm) | (507.7r | | (428.1mm) | | |
| Lawngtlai-291.20mm | | | (307.71) Mamit-204.87n | | -411.72mm | | |
| (453.1mm) | | 465.14mm) | (442.80r | | (259.62mm) | | |
| Weather summary | | | • | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | |
| three day | · · · · · · · · · · · · · · · · · · · | 11 th March- | | | ga sik len | | |
| | | | <mark>a dinhmun t</mark> | | | | |
| Maximum Tem. (°C):2 | | Tun ni 3 chhur | 0 | | | | |
| Minimum Tem. (°C):1 | | tura beisei a ni. Khua a lum lai berin 25-27°C a ni ang a. A | | | | | |
| Maximum RH (%):84- | | vawh lai ber in | 12-15°C ni tu | ıra beisei a ni | . RH san lai | | |
| Minimum RH (%):24- | | berin 69-98% le | h a hniam lai | berin 18-91% | ni tur a rin | | |
| Wind Direction: Sout | | niin. Thli hi dar | kar khatah 4-6 | 6 km vela chak | in chhaklam | | |
| Cloud cover: Mainly of | | awi zawngin a tle | eh rin a ni. A tl | angpuiin tun n | i nga chhung | | |
| Wind Speed: 4 km/hn | | awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. | | | | | |
| De 14 6-11- 01-0 | | | , | | | | |
| Rainfall: 31.2 mm | | Weekl | u cumulative | rainfall: 55.0r | nm | | |
| | | W CCAL | g cumululle | rungun oo.or | | | |
| NDVI for Mizoram | | North East Region 02 February | 2017 Moderately | wet mildly dr | v/mildly_wet | | |
| | | AT3 | conditions | wet innuly ui | y/iiiiuiy wet | | |
| | | | ckground | | | | |
| | | | 1 | | | | |
| | | 0.5-0.6 0.6-0.7 | } Very G | | | | |
| | | Agriculture vigour is moderate over most of the parts in | North- | | | | |
| | | Eastern states, whereas few patches in Assam, Manipu Arunachal Pradesh shows good vigour. | ir and | | | | |
| | | 612 | 2 | | 1 D | | |
| | | | | | 1 Page | | |



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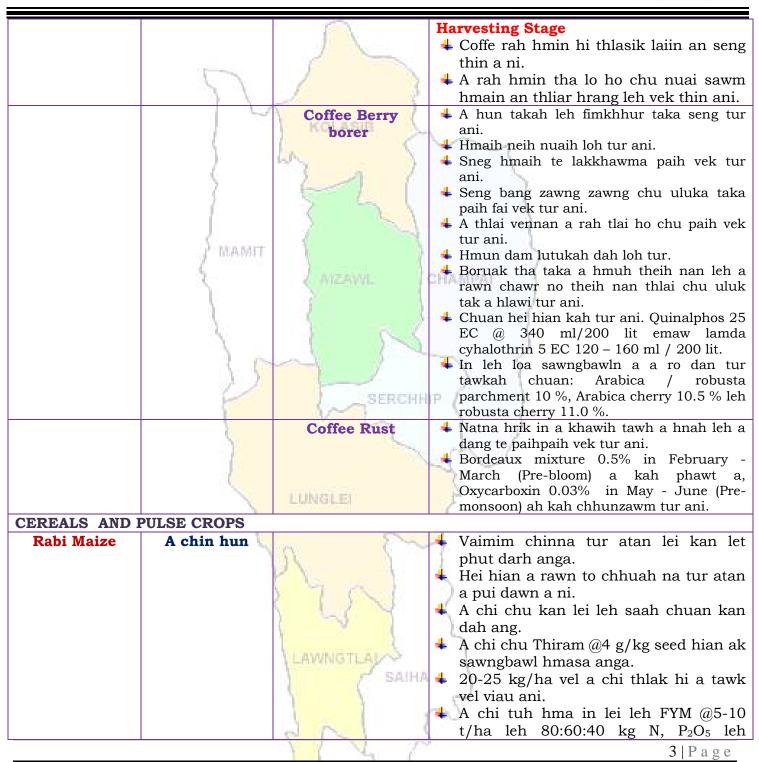


| Main Crop/ | Stage | Cultural | Agricultural / Horticultural/ animal |
|---------------|--------------|------------------|--|
| Animal | | practices/ Pest/ | husbandry advisories |
| /Fisheries | | Diseases | |
| FRUITS CROPS | | I | l |
| KHASI | A kui atanga | 2 | 4 Thlasik laia thlai bul khoro lutuk tur |
| MANDARIN | a seng hun | KOLASIB | vennan chuan hnim hnah hring tlai bul |
| AND ACID | |) NOLKOID | velah dahkhawm tur ani. |
| LIME | 1 | LA N | 4 Thlai naupang deuah chuan chawlh |
| | 6 | 3 0 1 | kar tin a tui pek thin tur ani. |
| BANANA | 2 | | 4 Leia tha mamawh tawk a hmuh |
| | 1 | 2 5 1 | theihna turin a hmunhma a hnim awm |
| | | | te thlawhfai thin tur ani. |
| STAR FRUIT | S warest | | 4 A seng hma kar 6 chhung chu tui tha |
| | / MAMIT | 1 | taka pek hian a rah tla tur chelh nan |
| | 2 | ANZAWIL 1 | leh a rah than that nan te leh a rah |
| PLUM AND | | 2 | keh tur lakah t a veng thei ani. |
| PEACH | | 1 | |
| | A | Gummosis, citrus | + Temperture hniam lutuk leh hnawng vang |
| | - N | canker, citrus | hian natna a a tam duh a . Soil bome natna |
| | | greening and | laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani. |
| | 1) | Dieback | |
| | F | Fruit fly RCHH | Huan zau takah chuan a par tan tirh leh a |
| | | Vi | rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 |
| | 1. C | | percent emaw malathion 0.15 percent |
| | | | suspension containing sugar or jeggery at |
| | | | 10 g/l. |
| PLANTATION CR | OP | | |
| COFFEE | All stages | CONGLES | Nursery stage |
| | | | + Thlai chi thlak hma in Azospirillum leh |
| | 2 | 1 K 1 | Phosphobacterium a enkawl tur ani. |
| | | | 🔰 A chi hi December – January ah hmun |
| | | | 📉 zawl/rualrem 1.5 - 2.5 cm a in hlatin |
| | | | 刘 tlar mumal tak siam in chin tur ani. |
| | | h ha y | 🕂 Chuan a chi chu lei tlem te a chhilh a |
| | | | buhpawla khuh tur ani. |
| | | LANDERT AND | Nitin tui pek tur ani a, a sat lutuka loh |
| | | LAWNGTLAK | nan niin a chhun loh nan zar hliah tur |
| | | C SAIHA | unit. |
| | | 1 | 4 Ni 45 hnu velah a tiak thin a,chu chu |
| | | | bag ah an sawn chhuak leh thin ani. |
| | | e N | Y |
| | | I Y | 2 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION







ICAR RESEARCH COMPLEX FOR NEH REGION



| | 2 | $\sum_{i=1}^{n}$ | K_2O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. |
|--|-----------------------------|------------------|--|
| Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow | All stage | Zero tillage | A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAWL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAL | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
| | | 612 6 | 4 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| | 5 | KOLASIB | awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
|-----------------------|---------------|-----------------------|--|
| Onion and capsicum | Nursery stage | Poly house | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| | 35 | Phytopthora blight | A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani. |
| French bean | Sowing stage | | Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani. |
| Carrot and radish | Sowing stage | | A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
| | | 8 M 2 | 5 1D |
| | | | 5 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| ANIMAL HUSBE | NDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | { MAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | SERCHH | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLA | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN / | 6 P a g e |



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| | Preventive | 0-3 rd week | 4 | Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani. Ranikhet Disease- an pian atanga ni |
|---------|---------------------------------------|-------------------------|----------------|--|
| | measures | 4th weeks | 4 | 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R₂B vaccine pek tur ani. B complex with antibodies Coccidiosis- Amprolium or |
| | AMAMIT | | - | coccidiostat |
| | 7 Startstan | 4-5 th Weeks | + | Calcium tonic fortified with B ₁₂ |
| FISHERY | <u> </u> | | CH/ | AMPAI |
| | Pond preparation (Dil buatsaih) | 0-2 weeks | | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtir thin |
| | T | | P ⁺ | Dil mawng lei thur leh thurloh entir a a thurdan a zirin chinai phul thin tur ani. Chu chuan tui thur a siam tha mar nilovin natna lak atangin sangha te a veng theiin, calcium an hmuhnan a thi tha tak ani bawk |
| | Z | | 1 | Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| | | LAWNGTLAK | 3 | |
| | | 201 | | |



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LAWNGTLA SAIHA

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Kolasib

Bulletin No: - 682/2016/ Bulletin/English

Date of issue: 10th March, 2017

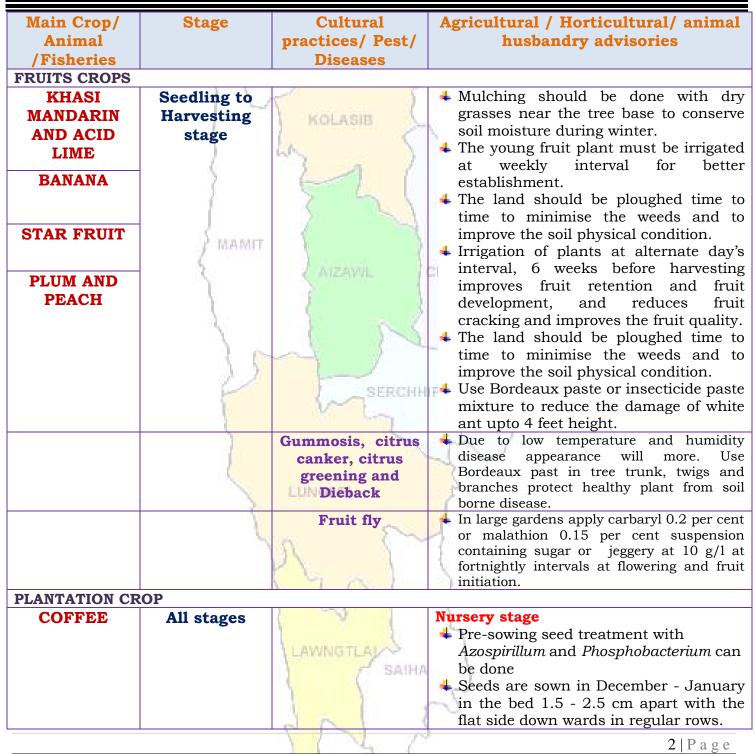
Period: 11 March - 15 March, 2017

| Parameters 11.03.2017 12.03.2017 13.03.2017 14.03.2017 15.03.2017 Rainfall (mm) 17 50 8 0 0 Max Temp (°C) 25 25 26 27 Min Temp (°C) 14 14 14 12 11 Cloud Coverage Mainly clear Mainly clear Partially clear Clear sky Clear sky Max RH (%) 98 99 99 92 88 Min RH (%) 43 70 88 29 19 Wind Speed (KmpH) 4 6 4 4 4 "Wind Direction S-E S S E E Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- N-W. STATUS OF MONSOON- June 1-30, 2016 (<i>Percent of deviation from normal in parenthesis</i>) Aizawi 384.87mm Champhai- 105.48mm Solf.42.80mm) (428.1mm) Lawetlai-291.20mm Langlei-326.00mm Mamit-204.87mm Serchhip-411.72mm (453.1mm) (465.14mm) (442.80mm) (259.62mm) <t< th=""><th></th><th>No. March</th><th></th><th></th><th></th><th></th></t<> | | No. March | | | | |
|---|-----------------------|------------------------------|--|------------------|-------------------------------|-------------------------|
| Max Temp (°C)2525252627Min Temp (°C)141414141211Cloud CoverageMainly clearMainly clearMainly clearPartially clearClear skyClear skyMax RH (%)989999999288Min RH (%)4370882919Wind Speed (KmpH)46444*Wind DirectionS-ESS-EEENortherly- R, North-Easterly- N.E, Easterly- R, South-Westerly- S. W, Westerly- W, North-westerly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mmChamphal- 105.48mmSaiha- 307.40 mmKolasib- 236.00mm(430.2mm)(a55.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.1mm)(259.62mm)Weather summary of the past three daysMarch, 2017.There are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 9% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.Weekly cumulative rainfall: 12.0 mmWeekly cumulative rainfall: 75.0 mmNDVI for MizoramWeekly cumul | Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 |
| Min Temp (°C)1414141211Cloud CoverageMainly clearMainly clearPartially clearClear skyClear skyMax RH (%)989999999288Min RH (%)4370882919Wind Speed (KmpH)46444*Wind DirectionS-ESS-EEENortherly- N, North-Easterly- N-E, Easterly- E, South-Easterly- N-W.Statuslawing and the statuslawing and th | Rainfall (mm) | 17 | 50 | 8 | 0 | 0 |
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| Max RH (%)989999999288Min RH (%)4370882919Wind Speed (KmpH)46444*Wind DirectionS-ESS-EEENortherly- N, North-Easterly- N-E, Easterly- E, South-Easterly- N-W.STATUS OF MONSOON- June 1-30, 2016 (<i>Percent of deviation from normal in parenthesis</i>)Aizawl- 384.87mmChamphai- 105.48mmSaha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th Maximum Tem. (°C):24-26°CThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramVeekly cumulative rainfall: 75.0 mm Moderately wet mildly dry/mildly wet conditions | Min Temp (°C) | 14 | 14 | 14 | 12 | 11 |
| Min RH (%)4370882919Wind Speed (KmpH)46444*Wind DirectionS-ESS-EEENortherly- N, North-Easterly- S, South-Westerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawi- 384.87mmChamphai- 105.48mmSalha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15thMaximum Tem. (°C):13-17°CMaximum RH (%):73-85%There are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum RH (%):45-58%Wind Direction: southeasterly Gloud cover: Mainly clearWind speed of 4-6 km per hour. Partially clear sky will prevail during the easterly to southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramVertexterModerately wet mildly dry/mildly wet conditions | Cloud Coverage | Mainly clear | Mainly clear | Partially clear | Clear sky | Clear sky |
| Wind Speed (KmpH)46444*Wind DirectionS-ESS-EEENortherly- N, North-Easterly- N.E, Easterly- E, South-Easterly- S. Southerly- S. South-Westerly- S.W, Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mmChamphai- 105.48mmSaiha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(422.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15thMaximum Tem. (°C):13-17°C Maximum RH (%):73-85%There are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.Weekly cumulative rainfall: 12.0 mmWeekly cumulative rainfall: 75.0 mmNDVI for MizoramWeeklewModerately wet mildly dry/mildly wet onditions | Max RH (%) | 98 | 99 | 99 | 92 | 88 |
| *Wind Direction S-E S S-E E E Northerly- N, North-Easterly- N.E, Easterly- E, South-Easterly- S.South-Westerly- S. South-Westerly- S.W, Westerly-W, North-westerly- N.W. STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawl- 384.87mm Champhai- 105.48mm Salha- 307.40 mm Kolasib- 236.00mm (430.2mm) (359.89mm) (507.7mm) (428.1mm) Lawngtlai-291.20mm Lunglei-326.00mm Mamit-204.87mm Serchhip-411.72mm (453.1mm) (465.14mm) (442.80mm) (259.62mm) Weather summary of the past three days Weather forecast valid from 11th March, 2017 To 15th Maximum Tem. (°C):13-17°C Maximum RH (%):73-85% There are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum RH (%):45-58% Wind Direction: southeasterly Maximum relative humidity is expected in the range of 88-99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days. Wind Speed: 3 km/hr Immetheter forecast will from 11 th March, 201 mm Moderately wet mildly dry/mildly wet onditions NDVI for Mizoram Immetheter forecast will from 11 th for fore | Min RH (%) | 43 | 70 | 88 | 29 | 19 |
| Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W.STATUS OF MONSCON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mm (430.2mm)Champhai- 105.48mm (359.89mm)Saiha- 307.40 mm (507.7mm)Kolasib- 236.00mm (428.1mm)Lawngtlai-291.20mm (453.1mm)Lunglei-326.00mm (455.14mm)Mamit-204.87mm (442.80mm)Serchhip-411.72mm (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Weather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C): 24-26°C Minimum Tem. (°C): 13-17°C Maximum RH (%): 73-85% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramWeekly cumulative rainfall: 75.0 mm Moderately wet mildly dry/mildly wet conditions | Wind Speed (KmpH) | 4 | 6 | 4 | 4 | 4 |
| South-Westerly- S-W, Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mmChamphai- 105.48mmSaiha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15thMaximum Tem. (°C):24-26°C Minimum RH (%):73-85% Wind Direction: southeasterly Cloud cover: Mainly clearThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramWeekly cumulative rainfall: 75.0 mm Moderately wet mildly dry/mildly wet conditions | *Wind Direction | S-E | S | S-E | Е | E |
| STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mm (430.2mm)Champhai- 105.48mm (359.89mm)Saiha- 307.40 mm (507.7mm)Kolasib- 236.00mm (428.1mm)Lawngtlai-291.20mm (453.1mm)Lunglei-326.00mm (453.1mm)Serchhip-411.72mm (422.80mm)Serchhip-411.72mm (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017Serchhip-411.72mm (259.62mm)Maximum Tem. (°C):24-26°C Minimum RH (%):73-85% Minimum RH (%):73-85% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMeterem Miterem Miterem MiteremModerately wet mildly dry/mildly wet conditions | Northe | rly- <mark>N</mark> , North- | Easterly- N-E, East | sterly- E, South | -Easterly- <mark>S-E</mark> , | • • |
| Aizawl- 384.87mm (430.2mm)Champhai- 105.48mm (359.89mm)Saiha- 307.40 mm (507.7mm)Kolasib- 236.00mm | Souther | ly- <mark>S</mark> , South-V | Westerly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | |
| (430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.March, 2017.Maximum Tem. (°C):24-26°C Minimum RH (%):73-85%There are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramImage for MizoramModerately wet mildly dry/mildly wet conditions | STATUS OF MONSO | ON- June 1-3 | 30, 2016 (Percent | of deviation fr | om normal in p | arenthesis) |
| Lawngtlai-291.20mm (453.1mm)Lunglei-326.00mm (465.14mm)Mamit-204.87mm (442.80mm)Serchhip-411.72mm (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Weather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):24-26°C Minimum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMether Reference Image: Image: | | | | | | |
| (453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):24-26°C Minimum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.Weekly cumulative rainfall: 75.0 mmNDVI for MizoramMethet Refer Law for the reference Law for the refere | (430.2mm) | | (359.89mm) | (507.7r | nm) | (428.1mm) |
| Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):24-26°C Minimum RH (%):73-85% Minimum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramNoderate Refer Image: Comparison of the fore tart Refer Image: Comparison of the fore tart Refer Image: Comparison of the fore tart ReferModerately wet mildly dry/mildly wet conditions | Lawngtlai-291.20mm | Lunglei | -326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm |
| three daysMarch, 2017.Maximum Tem. (°C):24-26°C Minimum Tem. (°C):13-17°C Maximum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrThere are chances of moderate to heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMethermore | (453.1mm) | | (465.14mm) | (442.80r | nm) | (259.62mm) |
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| Minimum Tem. (°C):13-17°C Maximum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrnext 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramNoderately cumulative rainfall: 75.0 mmNDVI for MizoramImage: Comparison of the target of the second of the target of the next five days. | Maximum Tem. (°C):2 | 4-26ºC | There are chance | es of moderate | to heavy rainfa | all during the |
| Maximum RH (%):73-85% Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrthe next 5 days may range for 25-27°C and 11-14°C. Maximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramNothEast RegionVerkeur and asterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days. | Minimum Tem. (°C):1 | | | | • | U |
| Minimum RH (%):45-58% Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hrMaximum relative humidity is expected in the range of 88- 99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramNorth East RegionVerkly cumulative rainfall: 75.0 mmNDVI for MizoramImage: Comparison of the section of th | Maximum RH (%):73- | | 5 | | | - |
| Wind Direction: southeasterly Cloud cover: Mainly clear Wind speed: 3 km/hr99% and minimum may from 19-88%. Wind direction would be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.Rainfall: 12.0 mmWeekly cumulative rainfall: 75.0 mmNDVI for MizoramNorthEat Region a and minimumWoderately wet mildly dry/mildly wet conditions | Minimum RH (%):45- | 58% | | <i>v u</i> | | |
| Cloud cover: Mainly clear Wind speed: 3 km/hrwould be southeasterly to southerly to southeasterly and easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days.Rainfall: 12.0 mmWeekly cumulative rainfall: 75.0 mmNDVI for MizoramNorth East Region@InternationNDVI for MizoramImage: Comparison of the set RegionModerately wet mildly dry/mildly wet conditions | Wind Direction: south | neasterly | | . | | 0 |
| wind speed: 3 km/hr easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days. Rainfall: 12.0 mm Weekly cumulative rainfall: 75.0 mm NDVI for Mizoram Verth tast Region Verth tast Region Verth tast Region easterly with the wind speed of 4-6 km per hour. Partially clear sky will prevail during the next five days. Moderately cumulative rainfall: 75.0 mm NDVI for Mizoram | Cloud cover: Mainly o | | | • | | |
| Rainfall: 12.0 mm clear sky will prevail during the next five days. Weekly cumulative rainfall: 75.0 mm NDVI for Mizoram North East Region Clear sky will prevail during the next five days. | Wind speed: 3 km/hr | | | 2 | 2 | 2 |
| Weekly cumulative rainfall: 75.0 mm NDVI for Mizoram North East Region V2 February 2017 Moderately wet mildly dry/mildly wet conditions | | | | | | |
| NDVI for Mizoram | Rainfall: 12.0 mm | | clear sky will pre | evail during the | e next live days. | |
| NDVI for Mizoram | | | | | | |
| conditions | | | | | | |
| 422 background 622-03 63-04] Mode 63-04] 64-05] Good 64-05] Good | NDVI for Mizoram | | North East Region 02 February | | wet mildly dr | y/mildly wet |
| 22-03] Mode 03-04] 03-04] 03-05] Good | | | | conditions | | |
| | | | | } Moder | | |
| | | | 0.5-0.6 | Good | | |
| | | | >0.7 | J Very G | | |
| Agriculture vigour is moderate over most of the parts in North- Eastern states, whereas few patches in Assam, Manipur and Arunachal Predicts shows good vigour. | | | Eastern states, whereas few patches in Assam, Manipu | | | |
| | | | A Griden Hadesh shows good vigour. | (| | |
| 1 Page | | | VVV. | 13 | | 1 Ρασε |



ICAR RESEARCH COMPLEX FOR NEH REGION

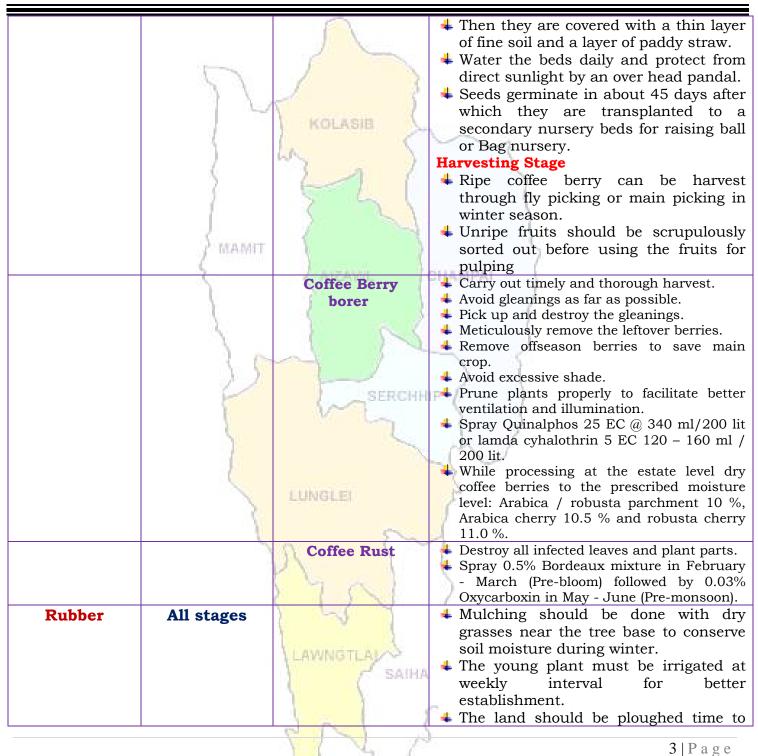






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| | 5 | \sum | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
|--------------------------|------------------------------|---|--|
| CEREALS AND | | | |
| Maize (<i>Jhum</i>) | Land preparation | ANDLASIS | Remove all weed plant from the selected place. Keep the plant, leaves and wood for dry. |
| | | | Burn it when it will be dry. |
| Rabi Maize | vegetative stage MAMIT | AIZAVIL | Light irrigation on every week may be given for better establishment and smooth growth. Earthing up soil near to plant for better support. |
| | 35 | L.S | Maize rust disease will prevail due to high relative humidity with low temperature. Apply Mancozeb Kg/ha for effective control. Remove the alternate host Oxali comiculata. |
| Potato | Vegetative growth stage | LUNGLEI | Light irrigation on every alternate day may be given for better establishmen and smooth growth. Earthing up soil for better aeration or root growth. If irrigation is not available keep gras and dry leaves as mulch. |
| VEGETABLE CR | OP | - 81 10- | - 4 ²⁰ |
| Tomato | Harvesting Stage | | Light irrigation on every alternate day may be given for better establishmen and smooth growth. If irrigation is not available keep grass and dry leaves as mulch. Harvest all the mature which colous change to pale yellow to red. |
| | | Bacterial wilt HA | Prevailing weather may conducive for blight in Tomato. Cloudy and humid weather is mos favorable for the disease. |
| | | | |



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| | | \mathcal{A} | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|--|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hactore. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | + Harvest all mature fruits in capsicum. |
| | | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AP | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 W | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWNGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | SN 1 | 5 P a g e |



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| | | 0 | Sow 2-3 seed per whole. |
|---------------|---------------|------------------|--|
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | 1 1 | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 No. | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | l. | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| |) | transplanted | 100 A |
| | | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | | selected place. |
| | 1 | 1 | 4 Keep the plant, leaves and wood for |
| |) MAMIT | | dry. |
| | ID A DY | | 🗕 Burn it when it will be dry. |
| ANIMAL HUSBEN | | (A) | As the weather gets colden your size? |
| Pig | All stages | 1 | As the weather gets colder, your pigs' energy requirement will increase, as |
| | 200 | N | they need more energy to keep warm. |
| | 1 Star 1 | 1 1 2 | Regularly monitor their level of 'fitness' |
| | 1 (C | ~ 1 | and increase their feed intake to |
| | 12 | | maintain. |
| | | SERCHH | Fish oils are excellent for providing |
| | | V- Land | slow-release energy with the added |
| | | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | | Reproductive | |
| | | Respiratory | P. |
| | S. | Syndrome | () |
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | | months and yearly interval/6 month |
| Cattle | | 1 7 al | interval |
| Cattle | All age group | LL Y | • Due to prolong dry spell there is a shortess of groop group in the field |
| | | A A | shortage of green grass in the field. For balanced diet and nutrition to |
| | | LANALDICE AND | your cattle, provide urea molasses |
| | | LAWNGTLAV | treated paddy straw. |
| | All age group | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | m age group | Disease (FMD) | every 6 month. |
| | | Discuse (FIIID) | |
| | | 5 1 V | 6 P a g e |



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| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
|---------|-------------|-------------------------|--|
| | Toung stage | (BQ) | Primary vaccination 6 month or above |
| | | (DQ) | Revaccination annually |
| Poultry | Litter | 1 N | Birds require adequate space, sufficient |
| routry | | 1 8 | feed to meet their nutritional |
| | management | Y | requirements and an adequate supply |
| | | KOLASIB | of good-quality water. |
| | 1 | 1. | 4 Good management and sanitation are |
| |) | ~~) | the best ways to avoid infectious |
| | | 2 1 1 | disease in poultry. |
| | 1 | | Provide ample quantity of clean |
| | 1 | | drinking water. |
| | | 11 | Avoid feeding of mouldy feed. Don't |
| | A MAMIT | 1 | make sudden changes in feed |
| | Preventive | 0-3 rd week | Ranikhet Disease- F1 vaccine at (1-6) |
| | | CALANCER | days of birth and R_2B vaccine for adult |
| | measures | | birds. |
| | | 5 | H B complex with antibodies |
| | 1 | 4 th weeks | Coccidiosis - Amprolium or |
| |) | | coccidiostat |
| | No M | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | 1 | SERCHH | |
| | Pond | 0-2 th weeks | + Drying and tilling of the pond bottom is |
| | preparation | U-2 WCCRS | an important step in preparation of |
| | preparation | | pond which enables release of toxic |
| | J.S | | gases from the pond bottom. |
| | | LUNGLEI | 4 The pH of the pond bottom soil needs |
| | 2 | LONGLEI | to be tested and appropriate quantity of |
| | | | lime should be applied depending on |
| | | 1 E~ | the soil pH. Liming not only helps in |
| | | 1 | correcting the pH but helps in |
| | | | y preventing disease as well as acts as a |
| | | | y source of calcium for the fishes. |
| | |) Sol Y | 4 Complete eradication of aquatic weeds |
| | | | helps in avoiding deterioration of pond |
| | | LAWNGTLAL | environment and protecting fishes from |
| | | PARA PARA | unwanted fishes and aquatic insects. |
| | | A C SMITH | |
| | | | 7~ |
| | | 1 2 1 | |
| | | 612 | 710 |
| | | 4 6 | 7 P a g e |



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Guwahati)



District: Kolasib

| Bulletin | No: - | 682/20 | 16/ B | ulletin/ | Mizo |
|----------|--------------|--------|-------|----------|------|
| | | - | 1000 | Neg I | 1 |

Date of issue: 10th March, 2017

Period: 11 March - 15 March, 2017

| | N N | 10. (C) | () | | |
|---|--|--|--|--|--|
| Parameters | 11.03.2017 | 12.03.2017 | 13.03.2017 | 14.03.2017 | 15.03.2017 |
| Rainfall (mm) | 17 | 50 | 8 | 0 | 0 |
| Max Temp (°C) | 25 | 25 | 25 | 26 | 27 |
| Min Temp (°C) | 14 | 14 | 14 | 12 | 11 |
| Cloud Coverage | Mainly clear | Mainly clear | Partially clear | Clear sky | Clear sky |
| Max RH (%) | 98 | 99 | 99 | 92 | 88 |
| Min RH (%) | 43 | 70 | 88 | 29 | 19 |
| Wind Speed (KmpH) | 4 | 6 | 4 | 4 | 4 |
| *Wind Direction | S-E | S | S-E | E | E |
| Northe | rly- N, North- | Easterly- N-E, Eas | sterly- E, South | -Easterly- <mark>S-E</mark> , | |
| Souther | ly- <mark>S</mark> , South-V | Westerly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | |
| STATUS OF MONSO | OON- June 1-3 | 30, 2016 (Percent | of deviation fr | om normal in p | arenthesis) |
| Aizawl- 384.87mm | Champha | i- 105.48mm | Saiha- 307.40 n | nm Kolasib- | 236.00mm |
| (430.2mm) | | (359.89mm) | (507.7n | nm) | (428.1mm) |
| Lawngtlai-291.20mm | Lunglei | -326.00mm | Mamit-204.87n | nm Serchhip | -411.72mm |
| (453.1mm) | | (465.14mm) | (442.80n | nm) | (259.62mm) |
| Weather summary of | of the past | 11 th March- | 15 th March, | 2017 chhun | ga sik leh |
| three day | s | | a dinhmun t | | |
| Maximum Tem. (°C):2 Minimum Tem. (°C):1 Maximum RH (%):73- Minimum RH (%):45- Wind Direction: south Cloud cover: Mainly of Wind speed: 3 km/hr Rainfall: 12.0 mm | 3-17°C 85% 58% heasterly clear | Tun ni 3 chhur tura beisei a ni. vawh lai ber in berin 88-99% le niin. Thli hi dar awi zawngin a tle hian khawthiang Weekl | Khua a lum lai 11-14ºC ni tu h a hniam lai kar khatah 4-6 ch rin a ni. A tl g tak hmuh beis | berin 25-27°C ura beisei a ni berin 19-88% 5 km vela chak angpuiin tun n | a ni ang a. A . RH san lai ni tur a rin in chhaklam i nga chhung |
| NDVI for Mizoram | | North East Region 02 February 04 February | e soll / w } dood } were 6 North- | wet mildly dr | y/mildly wet |
| | | Y Y Y | 1200 | | 1 Page |



ICAR RESEARCH COMPLEX FOR NEH REGION

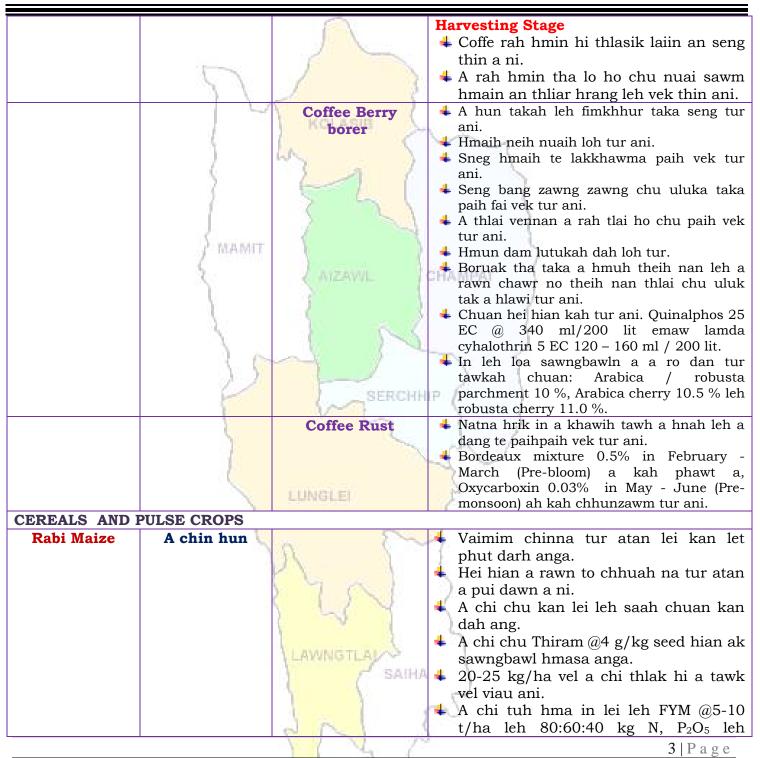


| Animal (Fisheries practices/Pest/ Diseases husbandry advisories FRUITS CROPS A kui atanga a seng hun A kui atanga a seng hun + Thlasik laia thlai bul khoro lutuk tu vennan chuan hnim hnah hring dai bu velah dahkhawm tur ani. BANANA A kui atanga a seng hun + OLASIB + Thlasik laia thlai bul khoro lutuk tu vennan chuan hnim hnah hring dai bu velah dahkhawm tur ani. BANANA - A seng hma kar 6 chhung chu tui th taka pek hian a rah tla tur chelh na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. PLUM AND PEACH - Gummosis, citrus greening and Dieback + Temperture hniam lutuk leh hnawng var hian natna a a tam duh a . Soil bome natr a trangah te hnawih tur ani. PLANTATION CROP - Fruit fly room + Huan zau takah chuan a par tan tih leh rah tan tirin chawhkar hnih chhung ch leg leback PLANTATION CROP - All stages - Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. PLANTATION CROP - All stages - Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. • COFFFEE All stages - Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. • A thi in December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati uan. - Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. • Niin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. < | | | | |
|---|--------------|---|-----------------------|--|
| /Fisheries Diseases FRUITS CROPS KHASI MANDARIN AND ACID LIME A kui atanga a seng hun KOLASIB Thlaisk laia thlai bul khoro luttuk tu vennan chuan hnim hnah hring tlai bu velah dahkhawm tur ani. Thlai naupang deuah chuan chawd kar tin a tui pek thin tur ani. Leia tha mamawh tawk a hmu te thlawhlai thin tur ani. BANANA FRUIT A seng hma kar 6 chhung chu tui th taka pek hian a rah tla tur chelh na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. A seng hma kar 5 chhung chu tui th taka pek hian a rah tla tur chelh na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. Fuit fly noophilase that tur ani. Hun azu takah chuan a par tan tirh leh rah tan tirin chawlikar hnih chhung ch heng te hian enkawl tur ani. PLANTATION CROP COFFEE All stages All stages MANGTLL SAMM MURGTLL SAMM MURGTLL SAMM MURGTLL SAMM MURGTLL SAMM MI tur ani, a chu uha ha tak thin a, chu ch bag ah an sawn chhuak leh thin ani. | <u> </u> | Stage | Cultural | Agricultural / Horticultural/ animal |
| FRUITS CROPS KHASI MANDARIN AND ACID LIME A kui atanga a seng hun COLACIB <li< th=""><th>Animal</th><th></th><th>practices/ Pest/</th><th>husbandry advisories</th></li<> | Animal | | practices/ Pest/ | husbandry advisories |
| KHASI MANDARIN AND ACID LIME A kui atanga a seng hun KOLASIB + Thlasik laia thlai bul khoro lutuk tu vennan chuan hnim hnah hring tlai bu vennan chuan han tur an tu tu pek thin tur ani. FUUM AND PEACH Gummosis, citrus greening and Dieback + Temperture hniam lutuk leh hnawng van han natna a tam duh a. Soi bome natr laka vennan Bordeaux past hi thing zar le a trangali te hnawih tur ani. Fruit fly coret + Itan zau takak chuan a par tan tirh leh rah tan tirin chawlhkar hnih chuan gar a trangali te hnawih tur ani. PLANTATION CROP Aill stages Korretta Manuta sam ochua en kasul tur ani. Minery stage Thia chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. PLANTATION CROP Aill stages Korretta Saim COFFEE Aill stages Kirsery stage Nimery stage Thia chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. A chi hi December - January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tan inin a chhun loh nan zar hliah tu ani. Ni tan ui na chi a sat lutuka loh nan nin a chhun loh nan zar hliah tu ani. | /Fisheries | | Diseases | |
| MANDARIN AND ACID LIME a seng hun KOLAGIB vennan chuan hnim hnah hring tlai bu velah dahkhawn tur ani. BANANA Hamit KOLAGIB vennan chuan hnim hnah hring tlai bu velah dahkhawn tur ani. BANANA Hamit Lime Hamit BANANA MAMIT Leia tha mamawh tawk a hmu kar tin a tui pek thin tur ani. STAR FRUIT MAMIT Leia tha mamawh tawk a hmu kar tin a tui pek thin tur ani. PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback A seng hma a rah tla tur chelh na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. PLANTATION CROP Fruit fly cond COFFEE All stages Fruit fly cond be g/l. Minsery stage Minsery stage This chi thiak hma in Azospirillum leh phosphobacterium a enkaul tur ani. PLANTATION CROP All stages Minsery stage This chi thiak hma in Azospirillum leh phosphobacterium a enkaul tur ani. Cofffee All stages Minsery stage This chi thiak hma in Azospirillum leh phosphobacterium a enkaul tur ani. Min tur pk tur ani a, a sat lutuka lo nan nin a chun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | FRUITS CROPS | | • | |
| MANDARIN AND ACID LIME a seng hun FOLAGIB vennan chuan him hnah hring flai bi velah dahkhawm tur ani. BANANA Hammin FolaGIB vennan chuan him hnah hring flai bi velah dahkhawm tur ani. BANANA Hammin FolaGIB vennan chuan him hnah hring flai bi velah dahkhawm tur ani. STAR FRUIT MAMMIN FolaGIB Vennan chuan him hnah hring flai bi velah dahkhawm tur ani. PLUM AND PEACH MAMIN FolaGIB Vennan chuan him hnah hring flai bi velah dahkhawm tur ani. PLUM AND PEACH Gummosis, citrus caker, citrus greening and Dieback A seng hma kar 6 chung chu tui th taka pek hian a rah tla tur cheln na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. PLANTATION CROP Fruit fly recet Huan zau takah chuan a par tan tirh leh rah en kawal tur ani. COFFEE All stages Fruit fly recet Huan zau takah thma in Azospirillum leh Phosphobacterium a enkaul tur ani. A chi hi December – January ah hmu zawl/rualren 1.5 – 2.5 cm a in hlati tar mumal tak siam in chin tur ani. Nitrsery stage Holag a chi chu lei tem te a chhilh buhpawla khuh tur ani. Nith tur pek tur ani a, a sat lutuka lo nan nin a chhun loh nan zar hliah tu ani. | KHASI | A kui atanga | | 4 Thlasik laia thlai bul khoro lutuk tur |
| AND ACID LIME BANANA STAR FRUIT MAMI | MANDARIN | the second se | KOLACID (| vennan chuan hnim hnah hring tlai bul |
| LIME BANANA BANANA STAR FRUIT PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Fruit fly renti fly ren | AND ACID | | 1 HOLSTON | velah dahkhawm tur ani. |
| BANANA STAR FRUIT PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Fruit fly rent COFFEE All stages PLANTATION CROP COFFEE All stages Nursery stage That in a chip blocker in a chick thin | | 1 | LA N | 4 Thlai naupang deuah chuan chawlh |
| STAR FRUIT PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Fruit fly refut Fruit fly refut Fruit fly refut All stages Nursery stage All stages Nursery stage A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan nii a chhun loh nan zar hliah ti anii. Nitin tui pek tur ani a, a sat lutuka lo nan nii a chhun loh nan zar hliah ti anii. Nitin tui pek tur ani a, a sat lutuka lo nan nii a chhun loh nan zar hliah tu anii. Nitin tui pek tur ani a, a sat lutuka lo nan nii a chhun loh nan zar hliah tu anii. | | (| 3 1 1 | |
| STAR FRUIT Imamit A seng hma kar 6 chlung chu tui th taka pek hian a rah tla tur chelh na leh a rah than that nan te leh a ra keh tur lakah t a veng thei ani. PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Imamit filter canker, citrus greening and Dieback Fruit fly remit fly remit Fruit fly remit fly remit hian natha a tam duh a . Soil bom natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP COFFEE All stages All stages Nursery stage Thia chi taka sim in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/ruarem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. A chi hi December – January ah hmu zawl/ruarem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Mint tu pek tur ani a, a sat lutuka lo nan nin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lon nan nin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lon nan nin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lon nan ini a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | BANANA | 1 | | |
| STAR FRUIT Imamit Imamit <th></th> <th>1</th> <th>2 5</th> <th></th> | | 1 | 2 5 | |
| PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng var hian natna a tam duh a. Soil bome natri laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. Fruit fly RCHI Huan zau takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung ch heng te hian enkawl tur ani. carbaryl 00 percent emaw malathion 0.15 percent suspension containing sugar or jeggery i 10 g/l. PLANTATION CROP Ail stages Wirsery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. All stages Nirsery stage Thlai chi thlak hma in chin ur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tar mumal tak siam in chin tur ani. Chin in tur ani. Hin tur up lek tur ani. a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Nii 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | |
| PLUM AND PEACH Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng var hian natna a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangalt te hnawih tur ani. Fruit fly cont Fruit fly cont PLANTATION CROP All stages COFFEE All stages Musery stage COFFEE All stages Musery stage Coffee Thai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. All stages Musery stage Coffee Musery stage Coffee Thai chi thlak hma in Azospirillum leh Phosphobacterium a enkaul tur ani. Musery stage Coffee All stages Musery stage Coffee Thai chi thiak hma in chuu bi them ta chill bulpawla khuh tur ani. Musery stage Coffee Musery stage Musery stage Coffee Thai chi thiak hma in chuu bi them ta chill bulpawla khuh tur ani. Musery stage Coffee Thai chi thiak hma in chuu bi them ta chill bulpawla khuh tur ani. | STAR FRUIT | S MANATT | | |
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| PEACH Gummosis, citrus canker, citrus greening and Dieback Image: Temperture hniam lutuk leh hnawng var hian natna a a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. Fruit fly cont Image: Temperture hniam lutuk leh hnawng var hian natna a a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP Image: Temperture hniam lutuk leh hnawng var hian natna a a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP Image: Temperture hniam lutuk leh hnawng var hian natna a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP Image: Temperture hniam in Azospirillum leh Phosphobacterium a enkawl tur ani. PLANTATION CROP Image: Temperture hniam in Azospirillum leh Phosphobacterium a enkawl tur ani. Image: Temperture hniam in Azospirillum leh Phosphobacterium a enkawl tur ani. Image: Temperture hniam in Azospirillum leh Phosphobacterium a enkawl tur ani. Image: Temperture hniam in a chhun loh nan zar hliah tu ani. Image: Temperture hniam in a chhun loh nan zar hliah tu ani. | | 20 | < AIZAWIL I | |
| Gummosis, citrus canker, citrus greening and Dieback Temperture hniam lutuk leh hnawng var hian natna a a tam duh a . Soil bome natr laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. Huan zau takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung ch heng te hian enkawl tur ani: carbaryl 0 percent emaw malathion 0.15 percer suspension containing sugar or jeggery 10 g/l. PLANTATION CROP COFFEE All stages Image: Lawnot Law | | | 24 | keh tur lakah t a veng thei ani. |
| Canker, citrus hian natna a a tam duh a . Soil bome natrilaka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. Fruit fly Huan zau takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung cheng te hian enkawl tur ani: carbaryl 0 percent emaw malathion 0.15 percens suspension containing sugar or jeggery a 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages Munsery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. | PEACH | | 0 | d Townsetture being butult lab become uses |
| greening and Dieback laka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. Fruit fly Huan zau takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung ch heng te hian enkawl tur ani: carbaryl 0 percent emaw malathion 0.15 percer suspension containing sugar or jeggery 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages I alka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP Nursery stage COFFEE All stages I alka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. PLANTATION CROP Nursery stage COFFEE All stages I alka vennan Bordeaux past hi thing zar le a trangah te hnawih tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. I All wingtta A Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | No. | | |
| Dieback a trangah te hnawih tur ani. Fruit fly + Huan zau takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung ch heng te hian enkawl tur ani: carbaryl 0 percent emaw malathion 0.15 percens uspension containing sugar or jeggery i 10 g/l. PLANTATION CROP All stages COFFEE All stages Image: the problem is | | | | |
| Fruit fly Hua zu takah chuan a par tan tirh leh rah tan tirin chawlhkar hnih chhung ch heng te hian enkawl tur ani: carbaryl 0 percent emaw malathion 0.15 percers suspension containing sugar or jeggery a 10 g/l. PLANTATION CROP Nursery stage COFFEE All stages Variable Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Nitin tui pak tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | 1 | | |
| PLANTATION CROP COFFEE All stages Nursery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. + Nitin tui pek tur ani a, a sat lutuka lo nin nin a chhun loh nan zar hliah tu ani. + Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | 12 | | Huan zau takah chuan a par tan tirh leh a |
| PLANTATION CROP COFFEE All stages All stages Vursery stage Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati thar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | CALCERCENT CONTRACTOR | |
| PLANTATION CROP COFFEE All stages All stages Nursery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. + Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. + Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | Mo Long | heng te hian enkawl tur ani: carbaryl 0.2 |
| PLANTATION CROP COFFEE All stages All stages Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. | | 1 | Sec. 1 | percent emaw malathion 0.15 percent |
| PLANTATION CROP COFFEE All stages All stages Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu Zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu | | | | suspension containing sugar or jeggery at |
| COFFEE All stages Nursery stage + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. + A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. + Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. + Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. + Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | 10 g/l. |
| Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | CONGREE | |
| Phosphobacterium a enkawl tur ani. A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | COFFEE | All stages | -centre de anni i | |
| A chi hi December – January ah hmu zawl/rualrem 1.5 - 2.5 cm a in hlati tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | 1 | 0 | |
| zawl/rualrem 1.5 - 2.5 cm a in hlatitlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | 1 | A (~~ | |
| tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | 1 | |
| Chuan a chi chu lei tlem te a chhilh buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | 4 2 1 | |
| buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | |
| AWNGTLA SAIHA Nitin tui pek tur ani a, a sat lutuka lo nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | |
| nan niin a chhun loh nan zar hliah tu ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | |
| SAIHA Ani. Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | LAWNGTLAU | - |
| Ni 45 hnu velah a tiak thin a,chu ch bag ah an sawn chhuak leh thin ani. | | | | |
| bag ah an sawn chhuak leh thin ani. | | | - C | |
| | | | | |
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| 2 Page | | | VIN P | 2 Page |



ICAR RESEARCH COMPLEX FOR NEH REGION







ICAR RESEARCH COMPLEX FOR NEH REGION



| ICAR | | | |
|---|-----------------------------|--------------|--|
| Soybean, pea, | All stage | Zero tillage | K₂O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. A than a that theih nan nikhat danah |
| lentil toria, breen gram and black gram cultivation in rice fellow | AMAMIT | Leio tillage | tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani. |
| Potato VEGETABLE CRO | Sowing stage | AIZAVIL | Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani. |
| Tomato | Bacterial Blight disease | | Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani . |
| Early Cole crop | Black spot disease | LAWNGTLAL | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn |
| | | 6127 | 4 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| | 5 | KOLASIB | awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
|-----------------------|---------------|-----------------------|--|
| Onion and capsicum | Nursery stage | Poly house | A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani. |
| | 35 | Phytopthora blight | A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani. |
| French bean | Sowing stage | LUNGLEI | Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani. |
| Carrot and radish | Sowing stage | | A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani. |
| | | en 2 | 5 1D |
| | | | 5 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION



| ANIMAL HUSBE | NDARY | | |
|--------------|----------------------|---|---|
| Pig | All stages | KOLASIB | Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. |
| | { MAMIT | Porcine Reproductive Respiratory Syndrome (PRRS). | 1. Vawknote emaw vawk lak hran. |
| | Adult stage | Swine fever. | 2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani. |
| Cattle | All age group | SERCHH | • Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani. |
| | All age group | Foot and Mouth Disease (FMD) | • Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani. |
| | Young stage | Black Quarter (BQ) | Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani. |
| Poultry | Litter management | LAWNGTLAL | Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani. |
| | | PN 1 | 6 P a g e |



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast receired from IMD, Guwahati)



| Preventive measures 0-3 rd week 4 Ranikhet Disease- an pian atanga 1-6 ah F1 vaccine pek tur ani a, chur a puitlingh chuan R2B vaccine pek tur ani. B complex with antibodies 4 th weeks 4 Coccidiosis- Amprolium coccidiostat H Coccidiostat 4 th weeks 4 Calcium tonic fortified with B12 FISHERY 0-2 weeks 4 Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chuah thin Vertex 5 Coccidiosis - Amprolium coccidiostat FISHERY 0-2 weeks 4 Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Vertex 5 Coccidiosi at thin 5 Coccidiosi at thin | | | A | 4 | i , |
|--|---------|-------------|-------------------------|------|---|
| ani. ani. B complex with antibodies 4th weeks Coccidiosis- 4-5th Weeks Calcium tonic fortified with B12 FISHERY O-2 weeks Pond Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin SERCH Dil mawng lei thur leh thurloh entir a thurdan a zirin chinai phul thin t ani. Chu chuan tui thur a siam tha m nilovin natna lak atangin sangha te veng theiin, calcium an hmuhnan a the server of the serv | | | 0-3 rd week | | ani. Chaw a hmuar/thing pek loh tur ani a an chaw eitur thlak sak thut loh tur ani. |
| FISHERY 4-5th Weeks Calcium tonic fortified with B12 Pond preparation (Dil buatsaih) 0-2 weeks Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin SERCH Dil mawng lei thur leh thurloh entir a thurdan a zirin chinai phul thin t ani. Chu chuan tui thur a siam tha m nilovin natna lak atangin sangha te veng theiin, calcium an hmuhnan a th | | | 4 th weeks | 4 | B complex with antibodiesCoccidiosis-Amproliumor |
| FISHERY Pond preparation (Dil buatsaih) 0-2 weeks Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Dil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Dil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Dil mawng lei thur leh thurloh entir a thurdan a zirin chinai phul thin t ani. Chu chuan tui thur a siam tha m nilovin natna lak atangin sangha te veng theiin, calcium an hmuhnan a th | | MAMIT | A Eth Woolro | | |
| Pond preparation (Dil buatsaih) O-2 weeks Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Dil buatsaihnan a tihtur pawimaw tak chu dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Bil buatsaihnan a tihtur pawimaw tak chu dil mawng phoro a lehph deuh ani a, chu chuan dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Bil buatsaihnan a tihtur pawimaw tak chu dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Bil buatsaihnan a tihtur pawimaw tak chu dil mawng lei boruak chhia chambangte a chhuah thin Bil buatsaih Bil buatsaihnan a tihtur pawimaw tak chu dil mawng lei thuah thin Bil buatsaih Bil buatsaihnan a tihtur pawimaw tak chu dil mawng lei thuah thin Bil buatsaihnan a tihtur pawimaw tak chu dil mawng lei thuah thua | FIGUEDV | | | () H | |
| a thurdan a zirin chinai phul thin t ani. Chu chuan tui thur a siam tha m nilovin natna lak atangin sangha te veng theiin, calcium an hmuhnan a th | _ | preparation | A COMPANY AND A COMPANY | | Dil buatsaihnan a tihtur pawimawh tak chu dil mawng phoro a lehphut deuh ani a, chu chuan dil mawng lei a boruak chhia chambangte a chhuahtin |
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| thenfai vek hian dil boruak chhetur la atangin a veng a, sangha tan | | 2 | | 1 | Dil a hnimhnah leh bawlhhlawh awmte thenfai vek hian dil boruak chhetur lak atangin a veng a, sangha tan a hlauhawm leh tibuaithei rannung lak atangin a veng thei bawk |
| LAWNGTLAL | | | | 5 | |
| | | | | | |



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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LAWNGTLA SAIHA

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Lawntlai

Period: 11 March - 15 March, 2017

| Bulletin | No: - | 682/ | /2016/ | Bulletin | /English |
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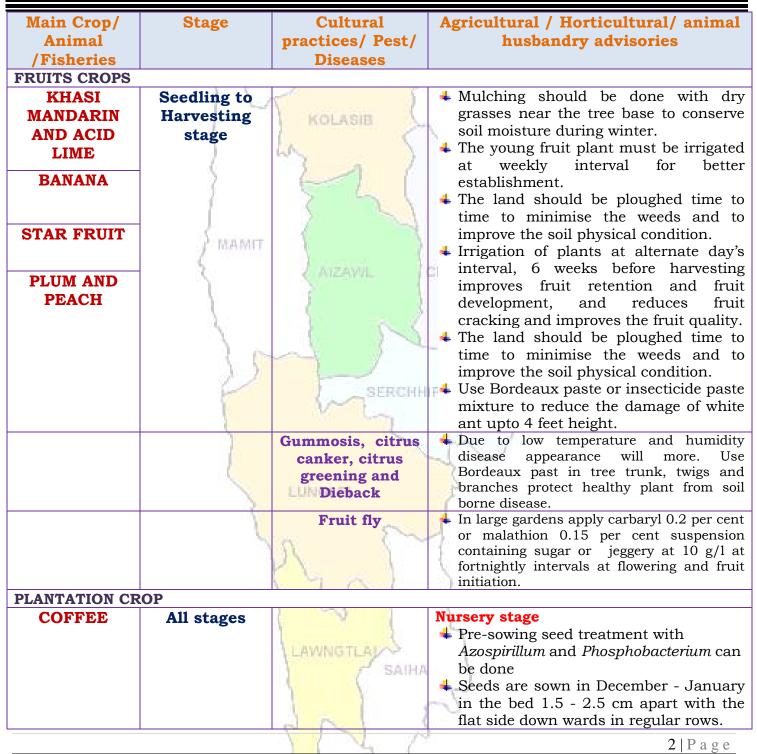
Date of issue: 10th March, 2017

| Parameters 11.03.2017 12.03.2017 13.03.2017 14.03.2017 15.03.2017 Rainfall (mm) 10 35 7 0 0 Max Temp (°C) 25 25 27 28 Min Temp (°C) 14 14 14 12 12 Cloud Coverage Mainly clear Partially clear Partially clear Clear sky Clear sky Max RH (%) 37 68 82 32 16 Wind Speed (KmpH) 5 5 5 6 6 Wind Direction E S-E E N-E N-E StATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawi- 384.87mm Champhai- 105.48mm Saiha- 307.40 mm Kolasib- 236.00mm Aizawal- 384.87mm Champhai- 105.48mm Saiha- 307.40 mm Kolasib- 236.00mm (428.1mm) Lawrethti -291.20m Lunglei-326.00mm Manit -204.87mm Serchhip-411.72mm Maximum Tem. (°C):12-15°C March, 2017. There are chances of moderate to light and heavy rainfall during the next 3 days. Th | | 100 M | | | | | | |
|--|-------------------------|-------------------------------|--|-------------------|-------------------------------|-------------------------|--|--|
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| Min RH (%)3768823216Wind Speed (KmpH)55566*Wind DirectionES-EEN-EN-ENortherly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawl- 384.87mm (430.2mm)Champhai- 105.48mm (359.89mm)Saiha- 307.40 mm (507.7mm)Kolasib- 236.00mm (422.1mm)Lawngtlai-291.20mm (435.1mm)Lunglei-326.00mm (455.14mm)(507.7mm)(422.1mm) (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):23-25°C Minimum Tem. (°C):23-25°C Minimum RH (%):84-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28%C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramWeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | Cloud Coverage | Mainly clear | Partially clear | Partially clear | Clear sky | Clear sky | | |
| Wind Speed (KmpH)55566*Wind DirectionES-EEN-EN-ENortherly- N, North-Easterly- N-E, Easterly- E, South-Westerly- N, Westerly- S, South-Westerly- N, Westerly- N, Westerly N, Westerly N, Westerly- N, Westerly N, Westerly N, Westerly N, Westerly- N, Westerly N, W | Max RH (%) | 87 | 97 | 95 | 68 | 48 | | |
| *Wind Direction E S-E E N-E N-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. STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawl- 384.87mm Champhai- 105.48mm Saiha- 307.40 mm Kolasib- 236.00mm Aizawl- 384.87mm Champhai- 105.48mm Saiha- 307.40 mm Kolasib- 236.00mm (430.2mm) (359.89mm) (507.7mm) (428.1mm) Lawngtlai-291.20mm Lunglei-326.00mm Mamit-204.87mm Serchhip-411.72mm (453.1mm) (465.14mm) (442.80mm) (259.62mm) Weather forecast valid from 11 th March, 2017 To 15 th March, 2017. To 15 th Maximum Tem. (°C):12-15°C Maximum RH (%):34-59% There are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum Maximum RH (%):34-59% Wind Direction: Easterly Change of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Rainfall: 08.2 mm Weekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions NDVI for Mizoram Image of the set the test of the neasterement of the test of the test of the test | Min RH (%) | 37 | 68 | 82 | 32 | 16 | | |
| Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis) Aizawl- 384.87mm (430.2mm)Champhai-105.48mm (507.7mm)Southerly- S-E, South-Westerly- N-W.Lawngtlai-291.20mm (430.2mm)Champhai-105.48mm | Wind Speed (KmpH) | | - | | 6 | 6 | | |
| Southerly- S. South-Westerly- S. W. Westerly-W, North-westerly- N-W.STATUS OF MONSOON- June 1-30, 2016 (Percent of deviation from normal in parenthesis)Aizawl- 384.87mmChamphai- 105.48mmSaiha- 307.40 mmKolasib- 236.00mm(430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):12-15°CThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%.Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrWind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramVeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | *Wind Direction | E | S-E | E | N-E | N-E | | |
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| Aizawi- 384.87mm (430.2mm)Champhai- 105.48mm (359.89mm)Saiha- 307.40 mm (507.7mm)Kolasib- 236.00mm (428.1mm)Lawngtlai-291.20mm (453.1mm)Lunglei-326.00mm (455.14mm)Mamit-204.87mm (422.80mm)Serchhip-411.72mm (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.March, 2017.Maximum Tem. (°C):12-15°C Maximum RH (%):85-98% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind speed: 4-5 km/hrRainfall: 08.2 mmWeekly cumulative rainfall: 52.0 mmNDVI for MizoramImage of the past of the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramImage of the past of the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days. | Souther | rly- <mark>S</mark> , South-V | Westerly- <mark>S-W</mark> , We | sterly-W, North | -westerly- N-W. | | | |
| (430.2mm)(359.89mm)(507.7mm)(428.1mm)Lawngtlai-291.20mmLunglei-326.00mmMamit-204.87mmSerchhip-411.72mm(453.1mm)(455.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):23-25°CThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramWeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet onditions | STATUS OF MONSO | OON- June 1-3 | 0, 2016 (Percent | of deviation fr | om normal in p | arenthesis) | | |
| Lawngtlai-291.20mm (453.1mm)Lunglei-326.00mm (465.14mm)Mamit-204.87mm (442.80mm)Serchhip-411.72mm (259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Warch, 2017.Maximum Tem. (°C):12-15°C Maximum RH (%):83-98% Minimum RH (%):83-98% Minimum RH (%):83-98% Minimum RH (%):83-98% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet onditions | Aizawl- 384.87mm | Champha | i- 105.48mm | Saiha- 307.40 n | nm Kolasib- | 236.00mm | | |
| (453.1mm)(465.14mm)(442.80mm)(259.62mm)Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):23-25°C Minimum RH (%):85-98% Minimum RH (%):85-98% Minimum RH (%):34-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.Weekly cumulative rainfall: 08.2 mmWeekly cumulative rainfall: 52.0 mmNDVI for MizoramModerately with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days. | (430.2mm) | | (359.89mm) | (507.7r | | | | |
| Weather summary of the past three daysWeather forecast valid from 11th March, 2017 To 15th March, 2017.Maximum Tem. (°C):23-25°C Minimum RH (%):85-98% Minimum RH (%):85-98% Minimum RH (%):84-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramVeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | Lawngtlai-291.20mm | | | Mamit-204.87n | nm Serchhip | -411.72mm | | |
| three daysMarch, 2017.Maximum Tem. (°C):23-25°C Minimum RH (%):85-98% Minimum RH (%):34-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramVeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | (453.1mm) | | (465.14mm) | (442.80r | nm) | (259.62mm) | | |
| Maximum Tem. (°C):23-25°C Minimum Tem. (°C):12-15°C Maximum RH (%):85-98% Minimum RH (%):85-98% Minimum RH (%):34-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrThere are chances of moderate to light and heavy rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMeekly cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | Weather summary | of the past | Weather foreca | ast valid from | 11 th March, 20 | 017 To 15 th | | |
| Minimum Tem. (°C):12-15°C Maximum RH (%):85-98% Minimum RH (%):84-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrduring the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramNoderately cumulative rainfall: 52.0 mm Moderately wet mildly dry/mildly wet conditions | three day | s | | March, 2 | 2017. | | | |
| Minimum Tem. (°C):12-15°C Maximum RH (%):85-98% Minimum RH (%):84-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrduring the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramMethet Refer of the text Refer of the tex | Maximum Tem. (°C):2 | 23-25°C | There are chanc | es of moderate | e to light and h | neavy rainfall | | |
| Maximum RH (%):85-98% Minimum RH (%):34-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrInterformed to the set of the next 5 days may range for 25-28°C and 12-14°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.NDVI for MizoramModerately of the set of the s | Minimum Tem. (°C):1 | | O U | | | | | |
| Minimum RH (%):34-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrInterest of the set of the | | | | | | | | |
| Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 4-5 km/hrthe range of 48-97% and minimum may from 16-82%. Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days.Rainfall: 08.2 mmWeekly cumulative rainfall: 52.0 mmNDVI for MizoramNoth fast Region and provide and provide and the state from the st | | | | | | | | |
| Cloud cover: Clear sky Wind direction would be easterly southeasterly to easterly and northeasterly with the wind speed of 5-6 km per hour. Partially clear sky will prevail during the next five days. Rainfall: 08.2 mm Weekly cumulative rainfall: 52.0 mm NDVI for Mizoram Noth tast Region Image: Comparison of the set of the s | Wind Direction: East | | | | | | | |
| wind speed: 4-5 km/nr Rainfall: 08.2 mm NDVI for Mizoram North East Region Partially clear sky will prevail during the next five days. Weekly cumulative rainfall: 52.0 mm Noderately wet mildly dry/mildly wet conditions | Cloud cover: Clear sk | 197 | Wind direction would be easterly southeasterly to easterly | | | | | |
| Rainfall: 08.2 mm Partially clear sky will prevail during the next five days. Weekly cumulative rainfall: 52.0 mm NDVI for Mizoram North Est Region Vertication Vertication And the state of the state region Vertication And the state of the state region Vertication Vertication Vertication NDVI for Mizoram Vertication Vertication Vertication | Wind speed: 4-5 km/ | | | | | | | |
| NDVI for Mizoram Norh East Regin Ver Hast Regin Moderately wet mildly dry/mildly wet conditions August Haster Haster, whereas fee packs in North Easter Haster, whereas fee packs in North Easter Haster, whereas fee packs in North Easter Haster, Wereas fee packs in North Easter Haster, whereas fee packs in North Easter Haster, Wereas fee pa | | | | 2 | ± | - | | |
| NDVI for Mizoram | Rainfall: 08.2 mm | | Partially clear sk | y will prevail d | uring the next i | live days. | | |
| NDVI for Mizoram | | | | | | | | |
| Articulture visco is moderate over most of the parts in North Eastern state, whereas few patches in Asam, Manpur and Anachal/Prefer thore good visco. | | | | | | | | |
| 42 baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 4) baskyround (a 3 - 0 4) 63 - 0 7) Www c 63 - 0 7) Www c 63 - 0 7) Www c 70 - 0 7) | NDVI for Mizoram | | North East Region 02 February | | wet mildly dr | y/mildly wet | | |
| Agriculture vigour is moderate over most of the parts in North- Eastern states, whereas few patches in Asam, Manpur and Arunachal Pradem shows good vigour. | | | | conditions | | | | |
| Agriculture vigour is moderate over most of the parts in North- Eastern states, whereas few patches in Assam, Manipur and Arunachal Pradesh shows good vigour. | | | 0.2-0.3 |] Moder | | | | |
| Agriculture vigour is moderate over most of the parts in North- Extern states, whereas few patches in Assam, Manipur and Arunahal Pradesh shows good vigour. | | | 0.5-0.6 | Good | | | | |
| Estern states, whereas few patches in Assam, Manipur and Arunacial Prodesh shows good vigour. | | | - W - 0.5 - 0.7 | yery G | | | | |
| 200 | | | Eastern states, whereas few patches in Assam, Manipu | North- ar and | | | | |
| 11D.0.00 | | | d R | 1 (m ² | | | | |
| I P a g e | | | VIV | 12 | | 1 Page | | |



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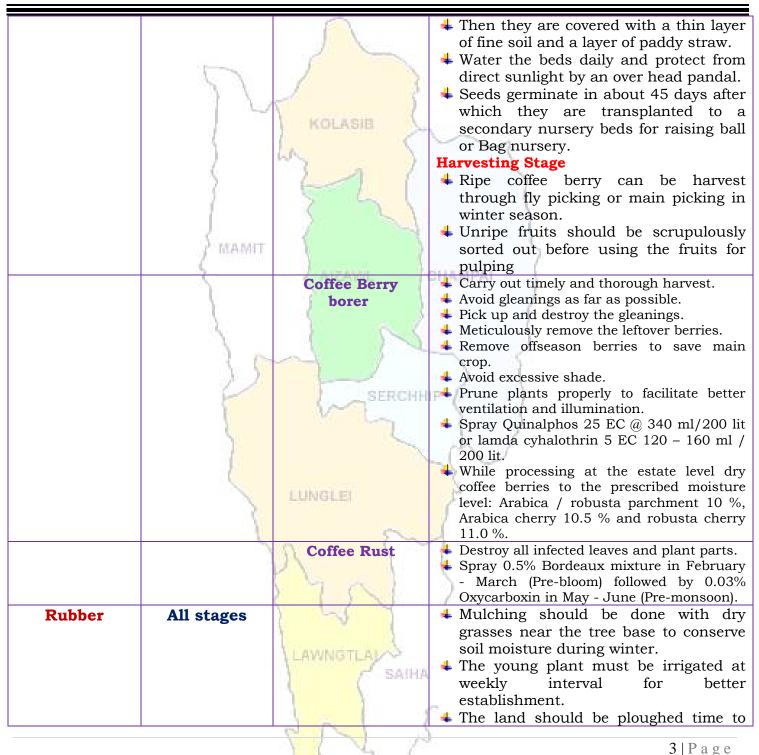






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| | 5 | \sum | time to minimise the weeds and to improve the soil physical condition. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. |
|--------------------------|------------------------------|----------------|--|
| CEREALS AND | | KOLASIB X. | |
| Maize (<i>Jhum</i>) | Land preparation | man E | Remove all weed plant from the selected place. Keep the plant, leaves and wood for dry. Burn it when it will be dry. |
| Rabi Maize | vegetative stage MAMIT | AIZAVÍL | Light irrigation on every week may be given for better establishment and smooth growth. Earthing up soil near to plant for better support. Maize rust disease will prevail due to high relative humidity with low temperature. Apply Mancozeb Kg/ha for effective control. Remove the alternate host Oxalis comiculata. |
| Potato | Vegetative growth stage | LUNGLEI | Light irrigation on every alternate day may be given for better establishmen and smooth growth. Earthing up soil for better aeration or root growth. If irrigation is not available keep grass and dry leaves as mulch. |
| VEGETABLE CR | _ | | |
| Tomato | Harvesting stage | Bacterial wilt | Light irrigation on every alternate day may be given for better establishmen and smooth growth. If irrigation is not available keep grass and dry leaves as mulch. Harvest all the mature which colous change to pale yellow to red. Prevailing weather may conducive for |
| | | | blight in Tomato. Cloudy and humid weather is mos favorable for the disease. |
| | | VV / | 4 P a g e |



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| | | \mathcal{A} | To manage the blight in tomato apply Ridomil or Indofil or Mancozeb @ 2 gm per liter of water. |
|-----------------------|-------------------------------------|----------------------------------|--|
| | | Powdery mildew KOLASIB | High temperature during day and low temperature in night with high humidity led to increase the wetness of leaves of tomato which cause powdery mildew disease. Burn all infected leaves. Apply sulfur 5 kg/hectare. Apply in morning or evening, because sulfur can burn tomato plants in the direct sunlight. |
| Onion and capsicum | Vegetative and fruiting stage | AIZAVIL | + Harvest all mature fruits in capsicum. |
| | | Phytopthora blight LUNGLEI | Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. |
| French bean | Harvesting stage | AP | Harvest all mature fruits and keep the seeds dry. Store the seeds for next year sowing. |
| Carrot and radish | Harvesting stage | 1 W | Light irrigation on every alternate day may be given for better establishment and smooth growth. Harvest all mature plants. |
| Cowpea | Sowing stage | LAWNGTLAUS | ✤ Plough the field properly, at least 2-3 |
| | | SN 1 | 5 P a g e |



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| - | | | |
|--------------|---------------|------------------|---|
| | | | Sow 2-3 seed per whole. |
| | | | Spacing should be 30 X 20 cm. |
| Okra | Sowing stage | Weeding and | Plough the field with the help of spade. |
| | N N | light irrigation | Sow 2 seed 45 X 45 cm spacing. |
| | 3 1/24 | in nursery bed. | 4 Before sowing seed provide one or two |
| | | Provide | irrigation. |
| | | irrigation in | Provide fertilizer @ 120: 60: 60 Kg/ha |
| | 3 | transplanted | |
| | 6 | okra field. | |
| Ginger and | Land | | 4 Remove all weed plant from the |
| turmeric | preparation | 1 2 1 | selected place. |
| | | | 4 Keep the plant, leaves and wood for |
| | MAMIT | 1 | dry. |
| | EVPERATE. | bro estivato. | 븆 Burn it when it will be dry. |
| ANIMAL HUSBE | | | |
| Pig | All stages | 1 | + As the weather gets colder, your pigs' |
| | A | 1 | energy requirement will increase, as |
| | | 1 55 | they need more energy to keep warm. |
| | 1 | at 1 m | 4 Regularly monitor their level of 'fitness' |
| | | | and increase their feed intake to maintain. |
| | | SERCHH | |
| | | wa. | slow-release energy with the added |
| | 5 | | advantage of a high level of omega-3. |
| | | Porcine | 1. Culling of positive pigs or piglets. |
| | . J.S. | Reproductive | |
| | | Respiratory | 2 |
| | N. N. | Syndrome | A |
| | | (PRRS). | |
| | Adult stage | Swine fever. | 2. Vaccination of pigs with SF vaccines at 2 |
| | | N. N. | months and yearly interval/6 month |
| | | Charles D | interval |
| Cattle | All age group | 1 1 5 5 | • Due to prolong dry spell there is a |
| | | | shortage of green grass in the field. |
| | | | For balanced diet and nutrition to |
| | | LAWNGTLAN | your cattle, provide urea molasses |
| | | - SAIHA | treated paddy straw. |
| | All age group | Foot and Mouth | • FMD vaccine at 16 week and repeat |
| | | Disease (FMD) | every 6 month. |
| | | PN 1 | |
| | | NY V / | 6 P a g e |



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| | Voundators | Plack Orantar | Plack Quarter Vaccine (DOV) |
|----------|-------------|-------------------------|--|
| | Young stage | Black Quarter | Black Quarter Vaccine (BQV). |
| | | (BQ) | Primary vaccination 6 month or above Demonstration and states |
| D | | 1 | Revaccination annually |
| Poultry | Litter | 1 5 | 4 Birds require adequate space, sufficient |
| | management | 5 | feed to meet their nutritional |
| | | KOLASIE | requirements and an adequate supply |
| | 1 | 1 | of good-quality water. |
| |) | W. N | 4 Good management and sanitation are |
| | (| 1 1 1 | the best ways to avoid infectious |
| | | | disease in poultry. |
| | 1 | 2 2 | + Provide ample quantity of clean |
| | | | drinking water. |
| | S MAMIT | | Avoid feeding of mouldy feed. Don't |
| | | 0.0 ml 1 | make sudden changes in feed |
| | Preventive | 0-3 rd week | Ranikhet Disease- F1 vaccine at (1-6) |
| | measures | | days of birth and R_2B vaccine for adult birds. |
| | l l | 1 3 | B complex with antibodies |
| | | 4 th weeks | · · · · · · · · · · · · · · · · · · · |
| | | 4th weeks | |
| | | A Fab TTT 1 | coccidiostat |
| | 12 | 4-5 th Weeks | 4 Calcium tonic fortified with B ₁₂ |
| FISHERY | | SERCHH | IP (|
| | Pond | 0-2 th weeks | 4 Drying and tilling of the pond bottom is |
| | preparation | 52 | an important step in preparation of |
| | | | pond which enables release of toxic |
| | | | gases from the pond bottom. |
| | | LUNGLEI | + The pH of the pond bottom soil needs |
| | 5 | | to be tested and appropriate quantity of |
| | | 22 | lime should be applied depending on |
| | | N 8.2 | the soil pH. Liming not only helps in |
| | | | correcting the pH but helps in |
| | | Y AL | preventing disease as well as acts as a source of calcium for the fishes. |
| | | | |
| | | | Complete eradication of aquatic weeds |
| | | | helps in avoiding deterioration of pond |
| | | LAWNGTLAY | environment and protecting fishes from unwanted fishes and aquatic insects. |
| | | SAIHA | unwanteu nones anu aquatie insects. |
| | | | ~ |
| | | | n v |
| | | d R I | |
| | | NO VI NO VIS | 710 |



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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