

# Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Dimapur District

| <ul><li>Light rain occurre</li><li>Maximum and magnetic</li></ul>                  | inimum temperatur<br>15°C, respectively.<br>varied from 40% to | res ranged 25°C  | <ul> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 44% to 78%.</li> </ul>   |  |
|--|--|------------------|---|--|
| <ul> <li>Maximum and mi<br/>26°C and 14°C to</li> <li>Relative humidity</li> </ul> | inimum temperatur<br>15°C, respectively.<br>varied from 40% to | o 88%.           | <ul> <li>Max temp is likely to be 25°C - 26°C and the min temp 14°C to 15°C</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 44% to 78%.</li> </ul> |  |
| <ul> <li>Maximum and mi<br/>26°C and 14°C to</li> <li>Relative humidity</li> </ul> | inimum temperatur<br>15°C, respectively.<br>varied from 40% to | o 88%.           | <ul> <li>Max temp is likely to be 25°C - 26°C and the min temp 14°C to 15°C</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 44% to 78%.</li> </ul> |  |
| 26°C and 14°C to<br>Relative humidity  | 15°C, respectively.<br>varied from 40% to                      | o 88%.           | <ul> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 44% to 78%.</li> </ul>   |  |
| Relative humidity  | varied from 40% to   |                  | • <b>Relative Humidity</b> is likely to range from 44% to 78%.  |  |
|  |  |                  |   |  |
|  | 1  |                  | • Wind speed may reach upto 3- 4 kmph   |  |
|  |  |                  | Wind direction will be mostly easterly  |  |
|  |  |                  |   |  |
| NDVI for Nagala  | nd   |                  |   |  |
|  |  |                  |   |  |
|  |  |                  | Field crops   |  |
| Toria and linsee   | ed should be sown a  | as second crop   | itilizing the residual moisture in the field after the harvest of early to medium   |  |
|  |  |                  | duration paddy varieties  |  |
|  | Sow zero tillag  | e lentil and pea | after rice by opening small furrow between rice stubbles  |  |
|  | C  | Mulc             | ing is essential to the rabi crops.   |  |
| Main Crops   | Stage  | Pest/            | Agro-meteorological Advisories  |  |
|  |  | Diseases         |   |  |
| Jhum paddy   | Post Harvesting  |                  | Follow sanitation during drying, milling and after milling to avoid   |  |
|  | stage  |                  | contamination of grains and protect from insects, rodents and birds.  |  |
|  | Harvesting stage   |                  | Dry the paddy grains properly and regularly before storing to reduce storage  |  |
| paddy  |  |                  | insect pests and fungus. Paddy grains can be mixed with neem leaves at the time   |  |
| <del></del>  | <b>XX</b>  |                  | of storage to reduce storage pests.   |  |
| Toria  | Vegetative stage   | -                | Thinning and weeding is recommended in timely sown mustard crop   |  |
|  |  |                  | Keep the field free from weeds and daily scouting of the field should be done for   |  |
| Rabi maize   | Vegetative stage   |                  | aphid<br>Provide mulching to conserve moisture  |  |
| Kubi muize   | vegetative stage   |                  |   |  |
| Linseed/lentil   | Sowing   |                  | Continue sowing of lentil, linseed in rice field under zero tillage. Open a narrow  |  |
|  |  |                  | furrow in between two rows of rice crop and sow the seeds in the furrow.  |  |
|  |  |                  | Horticultural crop  |  |

|   |                | flies Once fruit is stung it is too late for anything but planning for a better result next<br>year! You can check fruit for tiny dimples or weeping clear sap. Remove and<br>destroy any stung fruit, it is more effective to do this straight away than picking<br>up rotten fruit from the ground as the maggots may have already left the fruit to<br>pupate |
|---|----------------|--|
| Vegetables  |                | Intercultural operations in vegetables are advised to remove the weeds.  |
| Cauliflower,<br>cabbage,  |                | Transplanting of cabbage and cauliflower should be done at a spacing –30 x 60cm for small varieties.45 x 60 cm for large varietiesKeep the field free from weed. Hand hoeing should be done after transplanting  |
| Litchi  |                | Mulch the tree basin, protect young litchi plants from cold and suppress new flush by application of growth inhibitors   |
| Ginger /<br>turmeric  | Maturity stage | For Ginger and turmeric, field must be inspected daily for disease appearance.<br>While inspecting, the healthy plants/plots must be marked and kept for planting in<br>the next season. Marking has to be done properly otherwise when plant matures<br>and gets dried up, it will be very difficult to find out the marked plots.                              |
|   | Prov           | <i>Livestock</i><br>vide clean and cool drinking water to the animals  |
| <ul> <li>Poultry</li> <li>1. Protect the birds from cold draft by covering the exposed windward areas using gunny bags locally available materials</li> <li>2. Deworm the birds once every 2 months</li> <li>3. Sick birds showing respiratory distress, drooping of head or any other illness should be</li> </ul> |                |  |
| <ol> <li>Provide protein rich ration and ad libitum clear</li> <li>Pregnant sows can be dewormed only with fen</li> <li>To protect piglet anemia in newly born piglets<br/>or alternately provide ferrous sulphate powder</li> </ol>  |                | als from cold draft using gunny bags and other locally available materials<br>rich ration and ad libitum clean drinking water<br>an be dewormed only with fenbendazole<br>t anemia in newly born piglets provide iron dextran injection on 4 <sup>th</sup> or 14 <sup>th</sup> day after birtl   |

| Urea 3.5 kg/bigha, SSP 2.7 kg /big<br>If water depth is less than 1m harve<br>Observe the movement of fish even | est 50% of the stocked fish |
|---|-----------------------------|
|---|-----------------------------|

| Sl.n |                  |                     |                                   |                          |
|------|------------------|---------------------|-----------------------------------|--------------------------|
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| 8    | Aabon W Yanthan  | Scientist           | Vegetable Science                 | aabon.iari@gmail.com     |



### Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Kiphire District

|  |  |                | Bulletin No:97/2017   |
|--|--|----------------|---|
| Weather sur                              | mmary of the preced                      | ing week       | Weather forecast valid upto 17 <sup>th</sup> Dec'17   |
| • No rain occurred the past week         |  |                | Probability of no rain the coming week.   |
| •Maximum and minimum temperatures ranged |  | atures ranged  | • Max temp is likely to be 23°C - 24°C and the min temp 8°C to 9°C  |
|  | $d 11^{\circ}C$ to $12^{\circ}C$ , respe |                | • Sky is likely to be mainly clear the coming week  |
|  | ity varied from 26% t                    |                | • Relative Humidity is likely to range from 13% to 80%.   |
|  | ged from 3 to 4 kmpl                     |                | • Wind speed may reach upto 3 kmph  |
| Î.                                       | <b>·</b>                                 |                | Wind direction will be southeasterly  |
| NDVI for Naga                            | aland                                    |                |   |
|  |  |                | Field mong  |
| Torio or d lin                           | and should be serve                      |                | <i>Field crops</i>  |
| Toria and In                             | seed should be sown                      | as second crop | utilizing the residual moisture in the field after the harvest of early to medium   |
|  | <b>a</b>                                 | 1              | duration paddy varieties.   |
|  |  |                | a after rice by opening small furrow between rice stubbles.   |
|  |  |                | rops. Need based life saving irrigation is essential for rabi crops.  |
| Main Crops                               | Stage                                    | Pest/          | Agro-meteorological Advisories  |
|  |  | Diseases       |   |
| Jhum paddy                               | Post Harvesting                          |                | Follow sanitation during drying, milling and after milling to avoid   |
|  | stage                                    |                | contamination of grains and protect from insects, rodents and birds.  |
| TRC/WRC                                  | Harvesting stage                         |                | Dry the paddy grains properly and regularly before storing to reduce storage  |
| paddy                                    |  |                | insect pests and fungus. Paddy grains can be mixed with neem leaves at the time   |
| Toria                                    | Vegetetive store                         |                | of storage to reduce storage pests.   |
| Toria                                    | Vegetative stage                         | -              | <i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i>   |
| Rabi maize                               | Vegetative stage                         |                | Provide mulching to conserve moisture   |
| Kubi muize                               | vegetative stage                         |                |   |
|  |  |                |   |
|  |  |                | Horticultural crop  |
| Citrus                                   |  | Fruit flies    | Once fruit is stung it is too late for anything but planning for a better would not   |
| Curus                                    |  | Fruit mes      | Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and |
|  |  |                | destroy any stung fruit, it is more effective to do this straight away than picking   |
|  |  |                | up rotten fruit from the ground as the maggots may have already left the fruit to pupate  |
| Vegetables                               |  |                | Intercultural operations in vegetables are advised to remove the weeds.   |
| 3  |  |                |   |

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| 4    | Dr. Rajesha G    | Scientist           | Plant Pathology                   | rajeshag337@gmail.com    |
| 5    | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|      | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
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# Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Kohima District

| Weather summary of the preceding week |                          |                   | Weather forecast valid upto 17 <sup>th</sup> Dec'17   |  |
|---------------------------------------|--------------------------|-------------------|---|--|
| -                                     |                          |                   | <ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 21°C - 22°C and the min temp 6°C to 7°C</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 41% to 77%.</li> <li>Wind speed may reach upto 3-4 kmph<br/>Wind direction will be mostly easterly</li> </ul> |  |
| Toria and linsee                      | d should be sown as      | second crop ut    | <i>Field crops</i><br>ilizing the residual moisture in the field after the harvest of early to medium   |  |
| Torra and misee                       |                          | -                 | duration paddy varieties.   |  |
| N                                     | -                        | lentil and pea at | fter rice by opening small furrow between rice stubbles.<br>s. Need based life saving irrigation is essential for rabi crops.   |  |
| Main CropsStagePest/                  |                          |                   | Agro-meteorological Advisories  |  |
| Jhum paddy                            | Post Harvesting<br>stage |                   | Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.  |  |
| TRC/WRC<br>paddy                      | Harvesting stage         |                   | Dry the paddy grains properly and regularly before storing to reduce<br>storage insect pests and fungus. Paddy grains can be mixed with neem<br>leaves at the time of storage to reduce storage pests.  |  |
| Toria                                 | Vegetative stage         | -                 | Keep the field free from weeds and daily scouting of the field should be<br>done for aphid.   |  |
| Rabi maize                            | Vegetative stage         |                   | Provide mulching to conserve moisture   |  |
|                                       |                          |                   |   |  |
|                                       |                          |                   | Horticultural crop  |  |
| Citrus                                |                          | Fruit flies       | Once fruit is stung it is too late for anything but planning for a better<br>result next year! You can check fruit for tiny dimples or weeping clear<br>sap. Remove and destroy any stung fruit, it is more effective to do this<br>straight away than picking up rotten fruit from the ground as the maggates  |  |

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### Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Longleng District

|                                     |                             |             | Bulletin No:97/201   |  |
|-------------------------------------|-----------------------------|-------------|--|--|
| Weather                             | summary of the preceding    | g week      | Weather forecast valid upto 17th Dec'17  |  |
| • Light rain occurred the past week |                             |             | <ul> <li>Probability of no rain the coming week.</li> </ul>  |  |
| -                                   |                             |             | • Max temp is likely to be 23°C - 25°C and the min temp 8°C to 9°C   |  |
|                                     | 10°C to 13°C, respectively. | C           | <ul> <li>Sky is likely to be mainly clear the coming week</li> </ul>   |  |
|                                     | nidity varied from 60% to 9 | 95%.        | • <b>Relative Humidity</b> is likely to range from 13% to 80%.   |  |
| • Wind speed i                      | ranged from 1 to 2 kmph     |             | • Wind speed may reach upto 2- 3 kmph  |  |
|                                     |                             |             | Wind direction will be southeasterly   |  |
| NDVI for Na                         | agaland                     |             |  |  |
|                                     |                             |             |  |  |
|                                     |                             |             | Field crops  |  |
| Toria and lin                       | seed should be sown as sec  |             | zing the residual moisture in the field after the harvest of early to medium   |  |
|                                     |                             |             | uration paddy varieties.   |  |
|                                     |                             |             | er rice by opening small furrow between rice stubbles.   |  |
|                                     |                             |             | Need based life saving irrigation is essential for rabi crops.   |  |
| Main                                | Stage                       | Pest/       | Agro-meteorological Advisories   |  |
| Crops                               |                             | Diseases    |  |  |
| Jhum paddy                          | Post Harvesting stage       |             | Follow sanitation during drying, milling and after milling to avoi   |  |
|                                     |                             |             | contamination of grains and protect from insects, rodents and birds.   |  |
| TRC/WRC                             | Harvesting stage            |             | Dry the paddy grains properly and regularly before storing to reduc  |  |
| paddy                               |                             |             | storage insect pests and fungus. Paddy grains can be mixed with neer   |  |
| <b>T</b> •                          |                             |             | leaves at the time of storage to reduce storage pests.   |  |
| Toria                               | Vegetative stage            | -           | Keep the field free from weeds and daily scouting of the field should b  |  |
| Rabi maize                          | Vagatativa staga            |             | done for aphid.  |  |
| Kabi maize                          | Vegetative stage            |             | Provide mulching to conserve moisture  |  |
|                                     |                             |             |  |  |
|                                     |                             | 1           | Horticultural crop   |  |
| Citrus                              |                             | Fruit flies | Once fruit is stung it is too late for anything but planning for a better  |  |
|                                     |                             |             | result next year! You can check fruit for tiny dimples or weeping clear  |  |
|                                     |                             |             | sap. Remove and destroy any stung fruit, it is more effective to do the  |  |
|                                     |                             |             | straight away than picking up rotten fruit from the ground as the maggor   |  |
| Vegetables                          |                             |             | may have already left the fruit to pupate<br>Intercultural operations in vegetables are advised to remove the weeds. |  |
|                                     |                             |             | and a spectations in regenerous are autised to remove the weeks.   |  |
| Cauliflower,                        |                             |             | Transplanting of cabbage and cauliflower should be done at a spacing –   |  |
| cabbage,                            |                             |             | 30 x 60cm for small varieties. 45 x 60 cm for large varieties  |  |

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|   |                          |                   | Buneun No:9//2017   |  |  |
|---|--------------------------|-------------------|---|--|--|
| Weather s   | summary of the prece     | ding week         | Weather forecast valid upto 17th Dec'17   |  |  |
| <ul> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 24°C to 25°C and 14°C to 15°C, respectively.</li> <li>Relative humidity varied from 42% to 90%.</li> <li>Wind speed ranged from 3 to 5 kmph</li> </ul> |                          |                   | <ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 23°C - 25°C and the min temp 8°C to 9°C</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 21% to 80%.</li> <li>Wind speed may reach upto 2-3 kmph<br/>Wind direction will be mostly easterly</li> </ul> |  |  |
| NDVI for Nagaland   |                          |                   |   |  |  |
|   |                          |                   | Field crops   |  |  |
| Toria and l   | inseed should be sown    | n as second crop  | utilizing the residual moisture in the field after the harvest of early to medium<br>duration paddy varieties.  |  |  |
|   |                          |                   | a after rice by opening small furrow between rice stubbles.<br>rops. Need based life saving irrigation is essential for rabi crops.   |  |  |
| Main<br>Crops   | Stage                    | Pest/<br>Diseases | Agro-meteorological Advisories  |  |  |
| Jhum paddy  | Post Harvesting<br>stage |                   | Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.  |  |  |
| TRC/WRC<br>paddy  | Harvesting stage         |                   | Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus. Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.  |  |  |
| Toria   | Vegetative stage         | -                 | Keep the field free from weeds and daily scouting of the field should be done for aphid.  |  |  |
| Rabi maize  | Vegetative stage         |                   | Provide mulching to conserve moisture   |  |  |
|   |                          |                   |   |  |  |
|   |                          |                   | Horticultural crop  |  |  |
| Citrus  |                          | Fruit flies       | Once fruit is stung it is too late for anything but planning for a better result<br>next year! You can check fruit for tiny dimples or weeping clear sap. Remove<br>and destroy any stung fruit, it is more effective to do this straight away than<br>picking up rotten fruit from the ground as the maggots may have already left                   |  |  |

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# Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Mon District

| Weather summary of the preceding week              |   |                | Weather forecast valid upto 17th Dec'17  |  |
|--|---|----------------|--|--|
| <ul> <li>No rain occurred the past week</li> </ul> |   |                | <ul> <li>Probability of no rain the coming week.</li> </ul>  |  |
| • Maximum and minimum temperatures ranged          |   |                | d • Max temp is likely to be 23°C - 25°C and the min temp 8°C to 9°C   |  |
| 23°C to 25°C                                       | and $12^{\circ}$ C to $14^{\circ}$ C, r | espectively.   | Sky is likely to be mainly clear the coming week   |  |
|  | nidity varied from 36                   |                | • <b>Relative Humidity</b> is likely to range from 13% to 80%.   |  |
| <ul> <li>Wind speed in</li> </ul>                  | ranged from 5 to 6 k                    | mph            | • Wind speed may reach upto 2- 3 kmph  |  |
|  |   |                | Wind direction will be easterly  |  |
| NDVI for Na  | agaland                                 |                |  |  |
|  |   |                |  |  |
|  |   |                | Field crops  |  |
| Toria and lin                                      | seed should be sown                     | as second crop | utilizing the residual moisture in the field after the harvest of early to medium duration paddy varieties.  |  |
|  | C 4:11-                                 | 1              |  |  |
|  |   |                | after rice by opening small furrow between rice stubbles.<br>ops. Need based life saving irrigation is essential for rabi crops.   |  |
| Main   |   | Pest/          |  |  |
| Main<br>Crops                                      | Stage                                   | Diseases       | Agro-meteorological Advisories   |  |
| Jhum paddy   | Post Harvesting<br>stage                |                | Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.   |  |
| TRC/WRC<br>paddy                                   | Harvesting stage                        |                | Dry the paddy grains properly and regularly before storing to reduce<br>storage insect pests and fungus. Paddy grains can be mixed with neem<br>leaves at the time of storage to reduce storage pests.   |  |
| Toria  | Vegetative stage                        | -              | <i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i>  |  |
| Rabi maize   | Vegetative stage                        |                | Provide mulching to conserve moisture  |  |
|  |   |                | Horticultural crop   |  |
|  |   |                |  |  |
| Citrus   |   | Fruit flies    | Once fruit is stung it is too late for anything but planning for a better result<br>next year! You can check fruit for tiny dimples or weeping clear sap. Remove<br>and destroy any stung fruit, it is more effective to do this straight away than<br>picking up rotten fruit from the ground as the maggots may have already left<br>the fruit to pupate |  |

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| 4         | Dr. Rajesha G    | Scientist           | Plant Pathology                   | rajeshag337@gmail.com    |
| 5         | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|           | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
| 6         |                  |                     | Aromatic Plants                   | azezeseyie@yahoo.com     |
| 7         | Jyotish Barman   | Scientist           | Fisheries Resource Management     | jyotish5@gmail.com       |
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### Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Peren District

|                                       |   |                 | Bulletin No:97/201  |
|---------------------------------------|---|-----------------|---|
| Weather summary of the preceding week |   |                 | Weather forecast valid upto 17th Dec'17   |
| • No rain occurred the past week      |   |                 | <ul> <li>Probability of no rain the coming week.</li> </ul>                               |
| • Maximum and                         | minimum temperat                        | ures ranged     | • Max temp is likely to be 23°C - 25°C and the min temp 8°C to 9°C                        |
|                                       | d $12^{\circ}$ C to $14^{\circ}$ C, res |                 | • Sky is likely to be mainly clear the coming week  |
|                                       | ty varied from 39%                      |                 | • <b>Relative Humidity</b> is likely to range from 21% to 80%.                            |
| • Wind speed ran                      | ged from 3 to 4 km                      | ph              | • Wind speed may reach upto 2-3 kmph  |
| -                                     | -                                       |                 | Wind direction will be south easterly   |
| NDVI for Naga                         | land                                    |                 |   |
|                                       |   |                 |   |
|                                       |   |                 | Field crops   |
| Toria and linsee                      | ed should be sown a                     | s second crop   | p utilizing the residual moisture in the field after the harvest of early to medium       |
|                                       |   |                 | duration paddy varieties.   |
|                                       |   |                 | ea after rice by opening small furrow between rice stubbles.                              |
| Ν                                     | Aulching is essentia                    | l to the rabi c | crops. Need based life saving irrigation is essential for rabi crops.                     |
| Main Crops                            | Stage                                   | Pest/           | Agro-meteorological Advisories  |
|                                       |   | Diseases        |   |
| <i>Jhum paddy</i> Post Harvesting     |   |                 | Follow sanitation during drying, milling and after milling to avo                         |
|                                       | stage                                   |                 | contamination of grains and protect from insects, rodents and birds.                      |
| TRC/WRC Harvesting                    |   |                 | Dry the paddy grains properly and regularly before storing to reduce storage              |
| paddy                                 | stage                                   |                 | insect pests and fungus. Paddy grains can be mixed with neem leaves at the                |
| <b>T</b> •                            | NY 41° 4                                |                 | time of storage to reduce storage pests.  |
| <i>Toria</i> Vegetative stage -       |   | -               | Keep the field free from weeds and daily scouting of the field should be don<br>for aphid |
|                                       |   |                 | for aphid.  |
| Rabi maize                            | Vegetative stage                        |                 | Provide mulching to conserve moisture   |
|                                       | - egetail te stage                      |                 |   |
|                                       |   |                 |   |
|                                       |   |                 |   |
|                                       |   |                 |   |
|                                       |   |                 |   |
|                                       |   |                 | Horticultural crop  |
| Citrus                                |   | Fruit flies     | Once fruit is stung it is too late for anything but planning for a better resu            |
|                                       |   |                 | next year! You can check fruit for tiny dimples or weeping clear sap. Remove              |
|                                       |   |                 | and destroy any stung fruit, it is more effective to do this straight away the            |
|                                       |   |                 | picking up rotten fruit from the ground as the maggots may have already le                |

| Sl.n |                  |                     |                                   |                          |
|------|------------------|---------------------|-----------------------------------|--------------------------|
| 0    | Name             | Designation         | Department                        |                          |
| 1    | Dr.D.J. Rajkhowa | Principle Scientist | Agronomy                          | djrajkhowa@gmail.com     |
| 2    | Dr. L.K. Baishya | Senior Scientist    | Agronomy                          | lkbicar@gmail.com        |
| 3    | Ph. Romen Sharma | Scientist           | Agricultural Extension            | romen.agext@gmail.com    |
| 4    | Dr. Rajesha G    | Scientist           | Plant Pathology                   | rajeshag337@gmail.com    |
| 5    | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|      | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
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| 8    | Aabon W Yanthan  | Scientist           | Vegetable Science                 | aabon.iari@gmail.com     |



### Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Phek District

|   |                          |   | Bulletin No:9//2017   |  |
|---|--------------------------|---|---|--|
| Weather summary of the preceding week   |                          | eding week                                  | Weather forecast valid upto 17th Dec'17   |  |
| <ul> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 22°C to 23°C and 11°C to 12°C, respectively.</li> <li>Relative humidity varied from 30% to 90%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> <li>NDVI for Nagaland</li> </ul> |                          | temperatures<br>1°C to 12°C,<br>30% to 90%. | <ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 21°C - 22°C and the min temp 6°C to 7°C</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 41% to 77%.</li> <li>Wind speed may reach upto 3-4kmph<br/>Wind direction will be mostly southeasterly</li> </ul> |  |
|   | Sow zero t               | illage lentil an                            | <i>Field crops</i><br>crop utilizing the residual moisture in the field after the harvest of early to medium<br>duration paddy varieties.<br>d pea after rice by opening small furrow between rice stubbles.<br>Mulching is essential to the rabi crops.  |  |
| Main<br>Crops   |                          |   | Agro-meteorological Advisories  |  |
| Jhum<br>paddy   | Post Harvesting<br>stage |   | Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.  |  |
| TRC/WRC<br>paddy  | Harvesting<br>stage      |   | Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus. Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.  |  |
| Toria   | Vegetative stage         | -   | Keep the field free from weeds and daily scouting of the field should be done for aphid.  |  |
| Rabi maize  | Vegetative stage         |   | Provide mulching to conserve moisture   |  |
|   |                          |   | Horticultural crop  |  |
| Citrus         Fruit flies  |                          |   | Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear san. Remove and destroy   |  |

| Sl.n |                  |                     |                                   |                          |
|------|------------------|---------------------|-----------------------------------|--------------------------|
| ο    | Name             | Designation         | Department                        |                          |
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| 3    | Ph. Romen Sharma | Scientist           | Agricultural Extension            | romen.agext@gmail.com    |
| 4    | Dr. Rajesha G    | Scientist           | Plant Pathology                   | rajeshag337@gmail.com    |
| 5    | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|      | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
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# **Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17** Tuensang District

Bulletin No:97/2017

|                                       |                           |                  | Bulletin No:97/2017  |
|---------------------------------------|---------------------------|------------------|--|
| Weather summary of the preceding week |                           | ding week        | Weather forecast valid upto 17th Dec'17  |
|                                       | rred the past week        |                  | <ul> <li>Probability of no rain the coming week.</li> </ul>  |
|                                       | nd minimum temper         |                  | • Max temp is likely to be 18°C - 19°C and the min temp 5°C to 6°C   |
|                                       | and 9°C to 10°C, res      |                  | Sky is likely to be mainlyclear the coming week  |
|                                       | nidity varied from 30     |                  | • <b>Relative Humidity</b> is likely to range from 13% to 73%.   |
| • Wind speed                          | ranged from 3 to 4 k      | mph              | • Wind speed may reach upto 2-4 kmph   |
|                                       |                           |                  | • Wind direction will be mostly southeasterly  |
| NDVI for Na                           | agaland                   |                  |  |
|                                       |                           |                  |  |
|                                       |                           |                  |  |
|                                       |                           |                  | Field crops  |
| Toria and lins                        | eed should be sown a      | as second crop   | utilizing the residual moisture in the field after the harvest of early to medium  |
|                                       |                           |                  | duration paddy varieties.  |
|                                       | Sow zero tillag           | e lentil and pea | after rice by opening small furrow between rice stubbles.  |
|                                       |                           |                  | ops. Need based life saving irrigation is essential for rabi crops.  |
| Main                                  | Stage                     | Pest/            | Agro-meteorological Advisories   |
| Crops                                 |                           | Diseases         |  |
|                                       |                           | Discuses         |  |
| Jhum paddy                            | Post Harvesting<br>stage  |                  | Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds. |
| TRC/WRC                               | Harvesting stage          |                  | Dry the paddy grains properly and regularly before storing to reduce   |
| paddy                                 |                           |                  | storage insect pests and fungus. Paddy grains can be mixed with neem   |
|                                       |                           |                  | leaves at the time of storage to reduce storage pests.   |
| Toria                                 | Vegetative stage          | -                | Keep the field free from weeds and daily scouting of the field should be done  |
| <b>D</b> 1 · · ·                      | <b>TT</b> ( ), <b>•</b> ( |                  | for aphid.   |
| Rabi maize                            | Vegetative stage          |                  | Provide mulching to conserve moisture  |
|                                       |                           |                  |  |
|                                       |                           |                  | Horticultural crop   |
| Citrus                                |                           | Fruit flies      | Once fruit is stung it is too late for anything but planning for a better result   |
|                                       |                           |                  | next year! You can check fruit for tiny dimples or weeping clear sap.  |
|                                       |                           |                  | Remove and destroy any stung fruit, it is more effective to do this straight   |
|                                       |                           |                  | away than picking up rotten fruit from the ground as the maggots may have  |
| Varatalis                             |                           |                  | already left the fruit to pupate   |
| Vegetables                            |                           |                  | Intercultural operations in vegetables are advised to remove the weeds.  |
|                                       |                           |                  |  |

ICAR RESEARCH COMPLEX FOR NEH REGION



### Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Wokha District

|                                       |                          |                  | Bulletin N0:9//201   |  |
|---------------------------------------|--------------------------|------------------|--|--|
| Weather summary of the preceding week |                          |                  | Weather forecast valid upto 17th Dec'17  |  |
| • No rain occurred the past week      |                          |                  | Probability of no rain the coming week.  |  |
|                                       | nd minimum tempera       |                  | • Max temp is likely to be 23°C - 25°C and the min temp 8°C to 9°C   |  |
|                                       | and 12°C to 13°C, resp   |                  | • Sky is likely to be mainly clear the coming week   |  |
|                                       | idity varied from 43%    |                  | • <b>Relative Humidity</b> is likely to range from 21% to 80%.   |  |
| • Wind speed ra                       | anged from 4 to 5 kmpl   | h                | • Wind speed may reach upto 2- 4 kmph  |  |
|                                       |                          |                  | Wind direction will be mostly southeasterly  |  |
| NDVI for Na                           | galand                   |                  |  |  |
|                                       |                          |                  |  |  |
|                                       |                          |                  |  |  |
|                                       |                          |                  | Field crops  |  |
| Toria and linse                       | ed should be sown as s   | econd crop util  | lizing the residual moisture in the field after the harvest of early to medium   |  |
|                                       |                          | d                | luration paddy varieties.  |  |
|                                       |                          |                  | ter rice by opening small furrow between rice stubbles.  |  |
|                                       | Mulching is essential to | o the rabi crops | . Need based life saving irrigation is essential for rabi crops.   |  |
| Main                                  | Stage                    | Pest/            | Agro-meteorological Advisories   |  |
| Crops                                 |                          | Diseases         |  |  |
| Jhum paddy                            | Post Harvesting          |                  | Follow sanitation during drying, milling and after milling to avoi   |  |
|                                       | stage                    |                  | contamination of grains and protect from insects, rodents and birds.   |  |
| TRC/WRC                               | Harvesting stage         |                  | Dry the paddy grains properly and regularly before storing to reduc  |  |
| paddy                                 |                          |                  | storage insect pests and fungus. Paddy grains can be mixed with neer<br>leaves at the time of storage to reduce storage pests. |  |
| Toria                                 | Vegetative stage         | _                | Keep the field free from weeds and daily scouting of the field should b  |  |
|                                       |                          |                  | done for aphid.  |  |
| Rabi maize                            | Vegetative stage         |                  | Provide mulching to conserve moisture  |  |
|                                       |                          |                  |  |  |
|                                       |                          |                  |  |  |
|                                       |                          |                  |  |  |
|                                       |                          |                  | Horticultural crop   |  |
| Citrus                                |                          | Fruit flies      | Once fruit is stung it is too late for anything but planning for a bette   |  |
|                                       |                          |                  | result next year! You can check fruit for tiny dimples or weeping clea   |  |
|                                       |                          |                  | sap. Remove and destroy any stung fruit, it is more effective to do the  |  |
|                                       |                          |                  | straight away than nicking up rotten fruit from the ground as the  |  |

| Sl.n |                  |                     |                                   |                          |
|------|------------------|---------------------|-----------------------------------|--------------------------|
| 0    | Name             | Designation         | Department                        |                          |
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| 5    | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|      | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
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# Integrated Agromet Advisory Service Bulletin from 13<sup>th</sup> to 17<sup>th</sup> Dec'17 Zunheboto District

|                                     |   |                | Bulletin No:9//2017   |
|-------------------------------------|---|----------------|---|
| Weather st                          | Weather summary of the preceding week     |                | Weather forecast valid upto 17 <sup>th</sup> Dec'17                                     |
| • Light rain occurred the past week |   | k              | Probability of no rain the coming week.   |
| • Maximum a                         | nd minimum tempe                          | ratures ranged | • Max temp is likely to be 18°C - 19°C and the min temp 5°C to 6°C                      |
|                                     | C and $9^{\circ}$ C to $10^{\circ}$ C, re |                | • Sky is likely to be clear the coming week   |
|                                     | nidity varied from 3'                     |                | • <b>Relative Humidity</b> is likely to range from 13% to 72%.                          |
| <ul> <li>Wind speed</li> </ul>      | ranged from 4 to 5 l                      | kmph           | • Wind speed may reach upto 2-4 kmph  |
|                                     |   |                | Wind direction will be mostly southeasterly   |
| NDVI for Na                         | agaland                                   |                |   |
|                                     |   |                |   |
|                                     |   |                |   |
|                                     |   |                |   |
|                                     |   |                |   |
|                                     |   |                |   |
|                                     |   |                | Field crops   |
| Toria and lin                       | seed should be sown                       | as second crop | o utilizing the residual moisture in the field after the harvest of early to medium     |
|                                     |   |                | duration paddy varieties.   |
|                                     |   | U 1            | a after rice by opening small furrow between rice stubbles.                             |
|                                     |   |                | rops. Need based life saving irrigation is essential for rabi crops.                    |
| Main Stage Pest/                    |   |                | Agro-meteorological Advisories  |
| Crops                               |   | Diseases       |   |
| Jhum paddy                          | Post Harvesting                           |                | Follow sanitation during drying, milling and after milling to avoid                     |
|                                     | stage                                     |                | contamination of grains and protect from insects, rodents and birds.                    |
| TRC/WRC                             | Harvesting stage                          |                | Dry the paddy grains properly and regularly before storing to reduce storage            |
| paddy                               |   |                | insect pests and fungus. Paddy grains can be mixed with neem leaves at the              |
| <i>—</i>                            | <b>X</b> 7 / /·                           |                | time of storage to reduce storage pests.  |
| Toria                               | Vegetative stage                          | -              | Keep the field free from weeds and daily scouting of the field should be done for aphid |
| Rabi maize         Vegetative stage |   |                | for aphid. Provide mulching to conserve moisture  |
| Rabi maize   Vegetative stage       |   |                | Provide mulching to conserve moisture   |
|                                     |   |                |   |
|                                     |   |                |   |
|                                     |   |                | Horticultural crop  |
| Citrus                              |   | Fruit flies    | Once fruit is stung it is too late for anything but planning for a better result        |
|                                     |   |                | next year! You can check fruit for tiny dimples or weeping clear san Remove             |

| Sl.n |                  |                     |                                   |                          |
|------|------------------|---------------------|-----------------------------------|--------------------------|
| 0    | Name             | Designation         | Department                        |                          |
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| 5    | Dr. Mahak Singh  | Scientist           | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
|      | Dr. Azeze Seyie  | Scientist           | Spices, Plantation & Medicinal &  |                          |
| 6    |                  |                     | Aromatic Plants                   | azezeseyie@yahoo.com     |
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| 8    | Aabon W Yanthan  | Scientist           | Vegetable Science                 | aabon.iari@gmail.com     |