



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Dimapur District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|---|--|
| ■ Light rain occurred the past week | ■ Probability of light rain the coming week. |
| ■ Maximum and minimum temperatures ranged 31°C to | ■ Max temp is likely to be 30°C - 33°C and the min temp 21°C to 23°C |
| 32 ^o C and 22 ^o C to 23 ^o C, respectively. | ■ Sky is likely to be partly cloudy the coming week |
| ■ Relative humidity varied from 42% to 91%. | ■ Relative Humidity is likely to range from 32% to 85%. |
| ■ Wind speed ranged from 1 to 2 kmph | ■ Wind speed may reach upto 2-3 kmph |
| | Wind direction will be mostly southeasterly |
| | |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

| Field crops | | | | | | |
|---------------------|--|---|--|--|--|--|
| Stage | | | | | | |
| Vegetative stage | - | Timely weeding should be done. | | | | |
| Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. | | | | |
| Flowering stage | 1 | Clean cultivation should be maintained. Proper earthing up should be done | | | | |
| Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging | | | | |
| | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price | | | | |
| | Vegetative stage Storage Flowering stage Inflorescence | Diseases Vegetative stage - Storage Flowering stage - Inflorescence | | | | |

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| | Khasi Mandarin | | Leaf miner, | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees | | |
|--|---|--|--|---|--|--|
| | | | aphids, | to collect adult trunk borer | | |
| | | | mites, | | | |
| | | | trunk borer | | | |
| | Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. | | |
| | | | | Cultural practices like clean cultivation should be carried out so as to reduce the | | |
| | 01 | E1 | | pest damage. | | |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. | | |
| | Brinjal | Transplanting | | Thoroughly prepare the field with application of well dried FYM. | | |
| | | stage | | Maize should be planted on the border to control movement of white flies | | |
| | Ginger / Vegetative stage Rhizome The plot should be well drained free from water logging and w | | | | | |
| | turmeric | rot healthy rhizomes should be used for cultivation so as to prevent rhizome | | | | |
| | | | | Livestock | | |
| | Water stage | nation should be avo | oided in livest | ock shed to avoid mosquito breeding | | |
| | Poultry | • Double | the watering s | space in poultry houses during summer. Provide plenty of fresh, clean and cool | | |
| | | drinking | water during | hot weather | | |
| | | • In order | to encourage f | feed intake during summer, reduce the energy content of the feed by 10% | | |
| | | Birds mu | ist be vaccinat | ted against infectious diseases | | |
| | | • Remove | caked up and | wet litter immediately from the poultry house to stop excess heat production | | |
| | Piggery | Ensure tl | hat pigs have a | access to an abundant fresh, cool drinking water to avoid heat stress | | |
| | | Offer fee | ed that is high | her in protein and vitamins to help compensate for their reductionin food intake as | | |
| | | pigs tend | d to eat less feed during summer | | | |
| | Fisheries | | | | | |
| W-W | Lime pond as per recommended dose @10kg/bigha | | | | | |
| | • Stock fish fingerling @8000/ha | | | | | |
| Strengthen embankment to avoid erosion due to heavy rainfall | | | | | | |
| भाक् अनुप | | | If possible, stock bigger size fish seed to ensure faster growth | | | |
| ICAR | | in position, stock organisated to ensure factor growth | | | | |

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Kiphire District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| ■ Light rain occurred the past week | ■ Probability of moderate rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 27 ^o C - 29 ^o C and the min temp 16 ^o C to 18 ^o C |
| 28^{0} C to 29^{0} C and 14^{0} C to 17^{0} C, respectively. | Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 23% to 92%. | ■ Relative Humidity is likely to range from 53% to 95%. |
| ■ Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2-3 kmph |
| | Wind direction will be mostly southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

Field crops

Agro-meteorological Advisories **Main Crops** Stage Pest/ **Diseases** Jhum Paddy Vegetative stage • Timely weeding should be done. **Paddy** Storage • *Place sticky traps in the drying and storage areas for rats.* • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation. Flowering stage Clean cultivation should be maintained. Proper earthing up should be done Green gram Timely weeding and earthing up should be done so as to prevent the plants from Maize Inflorescence lodging stage Summer rain is erratic. Dig more number of jalkund or pond to store water right Water harvesting now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| Khasi | Leaf miner, | Spray neem oil | @5ml/litre wa | ater against | leaf miner, | aphids, mites. | Shake the |
|-------------|-------------|----------------|---------------|--------------|-------------|----------------|-----------|
| 1 1 1 1 1 1 | | | | | | | |

| | Mandarin | | aphids, | trees to collect adult trunk borer | | |
|--|--|--|--|---|--|--|
| | | | mites, trunk borer | | | |
| | | | Red beetle | Till June is the peak period of activity. | | |
| | Cucurous | vegetative stage | Red beene | Cultural practices like clean cultivation should be carried out so as to reduce | | |
| | | the pest damage. | | | | |
| | Okra Flowering stage - Collect and destroy all the infested shoots and fruits. | | | | | |
| | Brinjal | Transplanting Thoroughly prepare the field with application of well dried FY. | | Thoroughly prepare the field with application of well dried FYM. | | |
| | | stage | | Maize should be planted on the border to control movement of white flies | | |
| | Ginger / | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting | | |
| | turmeric | | healthy rhizomes should be used for cultivation so as to prevent rhizo | | | |
| | | | | Livestock | | |
| | Water stage | gnation should be avo | oided in livesto | ck shed to avoid mosquito breeding | | |
| | Poultry | Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool | | | | |
| | | drinking water during hot weather | | | | |
| | | • In order to encourage feed intake during summer, reduce the energy content of the feed by 10% | | | | |
| | | Birds must l | be vaccinated a | gainst infectious diseases | | |
| | | Remove cal | xed up and wet | litter immediately from the poultry house to stop excess heat production | | |
| | Piggery | • Ensure that | pigs have acces | ss to an abundant fresh, cool drinking water to avoid heat stress | | |
| | | Offer feed to | hat is higher in | protein and vitamins to help compensate for their reductionin food intake as pigs | | |
| | | tend to eat less feed during summer | | | | |
| | | Fisheries | | | | |
| \\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | Lime pond as per recommended dose @10kg/bigha | | | | |
| | | Stock fish fingerling @8000/ha | | | | |
| | | Strengthen embankment to avoid erosion due to heavy rainfall | | | | |
| भाकुअनुप | | | | ze fish seed to ensure faster growth | | |
| ICAR | | • | | | | |

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18Kohima District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|---|--|
| ■ Light rain occurred the past week | ■ Probability of moderate rain the coming week. |
| | ■ Max temp is likely to be 24 ^o C - 26 ^o C and the min temp 14 ^o C to 15 ^o C |
| ⁰ C to 26 ⁰ C and 13 ⁰ C to 14 ⁰ C, respectively. | Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 34% to 95%. | ■ Relative Humidity is likely to range from 58% to 95%. |
| ■ Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2-3 kmph |
| | Wind direction will be mostly southerly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

| Field crops | | | | | | |
|---------------------|------------------------------------|---|---|--|--|--|
| Main Crops | Main Crops Stage Pest/ Diseases | | Agro-meteorological Advisories | | | |
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. | | | |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. | | | |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done | | | |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging | | | |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price | | | |

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping

| | Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting Transplanting of King chili should be done | | | | | | |
|-----------------|---|---|---|--|--|--|--|
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer | | | |
| | Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. | | | |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. | | | |
| | Brinjal | Transplanting stage | | Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies | | | |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot. | | | |
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer | | | |
| | Water sta | agnation should be a | voided in livesto | Livestock ock shed to avoid mosquito breeding | | | |
| | Poultry | Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production | | | | | |
| | Piggery | Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer | | | | | |
| | Fisheries | | | | | | |
| High Sirin ICAR | | Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth | | | | | |

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Longleng District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| Light rain occurred the past week | Probability of moderate rain the coming week. |
| ■ Maximum and minimum temperatures ranged 28 ^o C | ■ Max temp is likely to be 27°C - 29°C and the min temp 16°C to 18°C |
| to 29 ^o C and 16 ^o C to 17 ^o C, respectively. | ■ Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 23% to 90%. | ■ Relative Humidity is likely to range from 53% to 95%. |
| ■ Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2- 3kmph |
| | Wind direction will be mostly southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

| | | | rieia crops |
|---------------------|---------------------|----------|---|
| Main | Stage | Pest/ | Agro-meteorological Advisories |
| Crops | | Diseases | |
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price |
| | | Н | Iorticultural crop |

Standing rain water in the field may be drained off immediately after rain

| | Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting Transplanting of King chili should be done | | | |
|---------------|---|--|---|--|
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer |
| | Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. |
| | Brinjal | Transplanting stage | | Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot. |
| | • Water s | tagnation should be avo | oided in livestoc | Livestock k shed to avoid mosquito breeding |
| | Poultry | Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases | | |
| | Piggery | Remove caked up and wet litter immediately from the poultry house to stop excess heat production Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake pigs tend to eat less feed during summer | | |
| | | Fisheries | | |
| ырэнц ICAR | | Stock fish fiStrengthen e | ingerling @8000 embankment to | nded dose @10kg/bigha D/ha avoid erosion due to heavy rainfall e fish seed to ensure faster growth |

| Sl.no | Name | Designation | Department | |
|-------|-------------------------------------|---------------------|-----------------------------------|--------------------------|
| 1 | Dr.D.J. Rajkhowa | Principle Scientist | Agronomy | djrajkhowa@gmail.com |
| 2 | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Mokokchung District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| Light rain occurred the past week | ■ Probability of moderate rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 27 ^o C - 29 ^o C and the min temp 16 ^o C to 18 ^o C |
| 27° C to 29° C and 15° C to 17° C, respectively. | ■ Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 29% to 94%. | ■ Relative Humidity is likely to range from 53% to 92%. |
| ■ Wind speed ranged from 3 to 5 kmph | ■ Wind speed may reach upto 3 - 4 kmph |
| | Wind direction will be southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|---------------------|---------------------|-------------------|---|
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price |

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer |
|----------------------|---|---|--|
| Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. |
| Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. |
| Brinjal | Transplanting stage | | Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies |
| Ginger / turmeric | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot. |
| • Water | stagnation should be a | avoided in livest | Livestock ock shed to avoid mosquito breeding |
| Poultry | Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production | | |
| Piggery | Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reduction in food intake as pigs tend to eat less feed during summer | | |
| | | | Fisheries |
| | Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth | | |



| Sl.no | Name | Designation | Department | |
|-------|-------------------------------------|---------------------|-----------------------------------|--------------------------|
| 1 | Dr.D.J. Rajkhowa | Principle Scientist | Agronomy | djrajkhowa@gmail.com |
| 2 | 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 & | |
| 6 | 6 | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |





Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Mon District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| ■ Light rain occurred the past week | Probability of light rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 26° C - 28° C and the min temp 15° C to 17° C |
| 27° C to 28° C and 14° C to 16° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 65% to 90% | ■ Relative Humidity is likely to range from 55% to 94%. |
| ■ Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2- 4 kmph |
| | Wind direction will be mostly southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

| | Field | crops |
|--|-------|-------|
| | | |

| Main | Stage | Pest/ | Agro-meteorological Advisories |
|---------------------|---------------------|----------|---|
| Crops | | Diseases | |
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price |

Horticultural crop

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| Khasi Mandarin | | Leaf miner, aphids, mites, | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer | |
|-------------------|------------------|----------------------------|---|--|
| 1714HUAGI CH | | trunk borer | concer dann ir min sorer | |
| Cucurbits | Vegetative to | Red beetle | Till June is the peak period of activity. | |
| | flowering stage | | Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. | |
| | | | Neem oil can be sprayed 5ml/lit of water in case of leaf eating caterpillar. | |
| | | | For fruit fly, poison bait can be prepared with 250gm of jaggery with Fenthion 20ml | |
| | | | + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/ cucurbit fields | |
| | | | to check the fruit fly | |
| Okra | Fruiting stage | Fruit and shoot | Collect and destroy all the infested fruits. | |
| | | borer | | |
| Brinjal | Transplanting | | Thoroughly prepare the field with application of well dried FYM. | |
| | stage | | Maize should be planted on the border to control movement of white flies | |
| Ginger / | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting healthy | |
| turmeric | | | rhizomes should be used for cultivation so as to prevent rhizome rot. | |
| T^* | | | | |

Livestock

• Water stagnation should be avoided in livestock shed to avoid mosquito breeding

| • water stagns | • Water stagnation should be avoided in investock shed to avoid mosquito breeding | | | | |
|----------------|--|--|--|--|--|
| Poultry | • Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking | | | | |
| | water during hot weather | | | | |
| | • In order to encourage feed intake during summer, reduce the energy content of the feed by 10% | | | | |
| | Birds must be vaccinated against infectious diseases | | | | |
| | Remove caked up and wet litter immediately from the poultry house to stop excess heat production | | | | |
| Piggery | Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress | | | | |
| | Offer feed that is higher in protein and vitamins to help compensate for their reduction in food intake as pigs tend | | | | |
| | to eat less feed during summer | | | | |
| | | | | | |

Fisheries



- Lime pond as per recommended dose @10kg/bigha
- Stock fish fingerling @8000/ha
- Strengthen embankment to avoid erosion due to heavy rainfall
- If possible, stock bigger size fish seed to ensure faster growth

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Peren District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| ■ Light rain occurred the past week | ■ Probability of moderate rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 26 ^o C - 28 ^o C and the min temp 16 ^o C to 17 ^o C |
| 27^{0} C to 28^{0} C and 15^{0} C to 16^{0} C, respectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 30% to 94%. | ■ Relative Humidity is likely to range from 60% to 97%. |
| ■ Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2-3 kmph |
| | Wind direction will be mostly southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Field crops **Main Crops** Agro-meteorological Advisories Stage Pest/ **Diseases** Jhum Paddy Vegetative • Timely weeding should be done. stage • Place sticky traps in the drying and storage areas for rats. **Paddy** Storage • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation. Clean cultivation should be maintained. Proper earthing up should be done Green gram Flowering stage Maize Inflorescence Timely weeding and earthing up should be done so as to prevent the plants from lodging stage Summer rain is erratic. Dig more number of jalkund or pond to store water Water right now. Harvested rainwater can give you off season vegetable and a good harvesting price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| | T71 · | | T C : | | |
|--|-------------|--|---|--|--|
| | Khasi | | Leaf miner, | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the | |
| | Mandarin | | aphids, | trees to collect adult trunk borer | |
| | | | mites, trunk | | |
| | C 1'4 | T 7 | borer | | |
| | Cucurbits | Vegetative | Red beetle | Till June is the peak period of activity. | |
| | | stage | | Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. | |
| | Okra | Flowering | - | Collect and destroy all the infested shoots and fruits. | |
| | | stage | | | |
| | Brinjal | Transplantin | | Thoroughly prepare the field with application of well dried FYM. | |
| | | g stage | | Maize should be planted on the border to control movement of white flies | |
| | Ginger / | Vegetative | Rhizome rot | The plot should be well drained free from water logging and while planting | |
| | turmeric | stage | | healthy rhizomes should be used for cultivation so as to prevent rhizome rot. | |
| | | | | Livestock | |
| | Water stage | nation should b | e avoided in live | estock shed to avoid mosquito breeding | |
| | Poultry | • Double | the watering sp | pace in poultry houses during summer. Provide plenty of fresh, clean and cool | |
| | | drinkin | g water during h | not weather | |
| | | • In order | • In order to encourage feed intake during summer, reduce the energy content of the feed by 10% | | |
| | | Birds m | nust be vaccinate | ed against infectious diseases | |
| | | • Remov | e caked up and | wet litter immediately from the poultry house to stop excess heat production | |
| \\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Piggery | • Ensure | that pigs have a | ccess to an abundant fresh, cool drinking water to avoid heat stress | |
| | | Offer fe | eed that is highe | er in protein and vitamins to help compensate for their reductionin food intake as | |
| | | pigs tend to eat less feed during summer | | | |
| нарзінц ІСАВ | | Fisheries | | | |
| | | Lime pond as per recommended dose @10kg/bigha | | | |
| | | Stock fish fingerling @8000/ha | | | |
| | | Strengthen embankment to avoid erosion due to heavy rainfall | | | |
| | | · · | | er size fish seed to ensure faster growth | |
| | | Ti possi | oic, stock digge | a size fish seed to ensure faster growth | |

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Phek District

Bulletin No:43/2018

| | 2 4110111 1 (01 10/2010 | |
|--|---|--|
| | Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
| | | ■ Probability of moderate rain the coming week. |
| | | ■ Max temp is likely to be 25° C - 26° C and the min temp 14° C to 16° C |
| | ranged 26° C to 27° C and 14° C to 15° C, | Sky is likely to be mainly cloudy the coming week |
| | respectively. | ■ Relative Humidity is likely to range from 53% to 95%. |
| | ■ Relative humidity varied from 28% to 92%. | ■ Wind speed may reach upto 2-3 kmph |
| | ■ Wind speed ranged from 3 to 4 kmph | Wind direction will be mostly southeasterly |
| | | |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

| Field crops | | | | |
|---------------------|--|---|--|--|
| Stage | Pest/ | Agro-meteorological Advisories | | |
| | Diseases | | | |
| Vegetative stage | - | Timely weeding should be done. | | |
| Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. | | |
| Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done | | |
| Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging | | |
| | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price | | |
| | Vegetative stage Storage Flowering stage Inflorescence | Vegetative stage Storage Flowering stage Inflorescence | | |

Horticultural crop

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

| Khasi Mandarin | | Leaf miner, aphids, | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer |
|-------------------|-----------------|-----------------------|---|
| Manaarin | | mites, trunk borer | to cottect dauti trunk borer |
| Cucurbits | Vegetative | Red beetle | Till June is the peak period of activity. |
| | stage | | Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. |
| Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. |
| Brinjal | Transplanting | | Thoroughly prepare the field with application of well dried FYM. |
| | stage | | Maize should be planted on the border to control movement of white flies |
| Ginger / | Vegetative | Rhizome rot | The plot should be well drained free from water logging and while planting healthy |
| turmeric | stage | | rhizomes should be used for cultivation so as to prevent rhizome rot. |

Livestock

• Water stagnation should be avoided in livestock shed to avoid mosquito breeding

Poultry Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs

Fisheries

нцрэнци

- Lime pond as per recommended dose @10kg/bigha
- Stock fish fingerling @8000/ha

tend to eat less feed during summer

- Strengthen embankment to avoid erosion due to heavy rainfall
- If possible, stock bigger size fish seed to ensure faster growth

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |





Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Tuensang District

Bulletin No:43/2018

| Dulletili 1\0.43/2010 | |
|--|--|
| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
| ■ Light rain occurred the past week | ■ Probability of moderate rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 22 ^o C - 24 ^o C and the min temp 12 ^o C to 13 ^o C |
| 23° C to 25° C and 10° C to 12° C, respectively. | ■ Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 29% to 90%. | ■ Relative Humidity is likely to range from 63% to 95%. |
| Wind speed ranged from 3 to 4 kmph | ■ Wind speed may reach upto 2-3 kmph |
| - | • Wind direction will be mostly southerly |
| | |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Field crops Main Pest/ Agro-meteorological Advisories Stage **Crops Diseases** Vegetative stage • Timely weeding should be done. Jhum Paddy **Paddy** Storage • *Place sticky traps in the drying and storage areas for rats.* • Storage rooms should be physically rodent and bird proof, if possible. • *Inspect the stored seeds once a week for signs of insect infestation.* Green gram Flowering stage Clean cultivation should be maintained. Proper earthing up should be done Maize Inflorescence Timely weeding and earthing up should be done so as to prevent the plants from lodging stage Summer rain is erratic. Dig more number of jalkund or pond to store water Water harvesting right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting

| | Transplanting of King chili should be done | | | | |
|-----------|--|---|---|--|--|
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer | |
| | Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. | |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. | |
| | Brinjal | Transplanting stage | | Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies | |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot. | |
| | • Water | stagnation should be | avoided in live | Livestock estock shed to avoid mosquito breeding | |
| | Poultry | | | | |
| | | | • In order to encourage feed intake during summer, reduce the energy content of the feed by 10% | | |
| | | Remove cal | xed up and wet | litter immediately from the poultry house to stop excess heat production | |
| | Piggery | Ensure that | pigs have acces | ss to an abundant fresh, cool drinking water to avoid heat stress | |
| | | | hat is higher in eat less feed d | protein and vitamins to help compensate for their reductionin food intake as uring summer | |
| - | | Fisheries | | | |
| भाकु अनुष | | Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth | | | |

| Sl.no | 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 & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |





Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18Wokha District

Bulletin No:43/2018

| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
|--|--|
| ■ Light rain occurred the past week | Probability of light rain the coming week. |
| ■ Maximum and minimum temperatures ranged | ■ Max temp is likely to be 26° C - 28° C and the min temp 15° C to 19° C |
| 27^{0} C to 28^{0} C and 15^{0} C to 16^{0} C, respectively. | Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 60% to 94%. | • Relative Humidity is likely to range from 59% to 91%. |
| ■ Wind speed ranged from 4 to 5 kmph | ■ Wind speed may reach upto 3- 4 kmph |
| • | Wind direction will be southeasterly |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

| | Field crops | | | | | |
|---------------------------------|---------------------|---|---|--|--|--|
| Main Stage Pest/ Crops Diseases | | | Agro-meteorological Advisories | | | |
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. | | | |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. | | | |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done | | | |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging | | | |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price | | | |
| | Horticultural crop | | | | | |

• Standing rain water in the field may be drained off immediately after rain

| | Soil ap | | gents (Trichod | in raised bed to avoid the soil borne diseases / damping erma) at 2.5kg/ha with farm manure before transplanting | | | | |
|-----------------|--|--|--|--|--|--|--|--|
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer | | | | |
| | Cucurbits | Vegetative stage | Red beetle | Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage. | | | | |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. | | | | |
| | Brinjal | Transplanting stage | | Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies | | | | |
| | | | | The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot. | | | | |
| | Water stagnation should be avoided in livestock shed to avoid mosquito breeding | | | | | | | |
| | Poultry | Double the w drinking wate In order to end Birds must be | atering space in r during hot we courage feed in vaccinated aga | n poultry houses during summer. Provide plenty of fresh, clean and cool | | | | |
| \\\ _ | Piggery Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer | | | | | | | |
| | Fisheries | | | | | | | |
| ыфзі-ш ІСА R | Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth | | | | | | | |
| | | | | | | | | |

| Sl.no | 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 & | |
| 6 | 6 Aromatic Plants | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |





Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Zunheboto District

Bulletin No:43/2018

| 241101111111111111111111111111111111111 | |
|--|---|
| Weather summary of the preceding week | Weather forecast valid upto 3 rd June 2018 |
| ■ Moderate rain occurred the past week | ■ Probability of light rain the coming week. |
| • Maximum and minimum temperatures ranged | |
| 27° C to 28° C and 12° C to 16° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| ■ Relative humidity varied from 75% to 95%. | ■ Relative Humidity is likely to range from 59% to 96%. |
| Wind speed ranged from 4 to 5 kmph | ■ Wind speed may reach upto 2-4 kmph |
| | Wind direction will be southeasterly |
| | |

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out

Standing rain water in the field may be drained off immediately after rain

• Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Field arong

| | Fiela crops | | | | | | |
|---------------------|---------------------|-------------------|---|--|--|--|--|
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | | | |
| Jhum Paddy | Vegetative stage | - | Timely weeding should be done. | | | | |
| Paddy | Storage | | Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. | | | | |
| Green gram | Flowering stage | - | Clean cultivation should be maintained. Proper earthing up should be done | | | | |
| Maize | Inflorescence stage | | Timely weeding and earthing up should be done so as to prevent the plants from lodging | | | | |
| Water harvesting | | | Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price | | | | |
| Horticultural crop | | | | | | | |

| | | | U J | one in raised bed to avoid the soil borne diseases / damping |
|-----------------|------------------|---|-------------------|---|
| | | | | hoderma) at 2.5kg/ha with farm manure before transplanting |
| | | planting of King chil | | |
| | Khasi | | Leaf miner, | Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the |
| | Mandarin | | aphids, | trees to collect adult trunk borer |
| | | | mites, trunk | |
| | | | borer | |
| | | Till June is the peak period of activity. | | |
| | | | | Cultural practices like clean cultivation should be carried out so as to reduce |
| | the pest damage. | | | |
| | Okra | Flowering stage | - | Collect and destroy all the infested shoots and fruits. |
| | | | | |
| | Brinjal | Transplanting | - | Thoroughly prepare the field with application of well dried FYM. |
| | | stage | | Maize should be planted on the border to control movement of white flies |
| | Ginger / | Vegetative stage | Rhizome rot | The plot should be well drained free from water logging and while planting |
| | turmeric | | | healthy rhizomes should be used for cultivation so as to prevent rhizome rot. |
| | | | | Livestock |
| | | | | estock shed to avoid mosquito breeding |
| | Poultry | Double the | watering space | e in poultry houses during summer. Provide plenty of fresh, clean and cool |
| | | drinking wa | ater during hot v | weather |
| | | • In order to | encourage feed | intake during summer, reduce the energy content of the feed by 10% |
| | | Birds must | be vaccinated a | against infectious diseases |
| | | | | litter immediately from the poultry house to stop excess heat production |
| | Diagon | | | ss to an abundant fresh, cool drinking water to avoid heat stress |
| | Piggery | | 1 0 | |
| | | | | n protein and vitamins to help compensate for their reductionin food intake as |
| | | pigs tend to | eat less feed d | Ų. |
| | | | | Fisheries |
| /// | | Lime pond | as per recomme | ended dose @10kg/bigha |
| XILOUX | | Stock fish f | ingerling @800 | 00/ha |
| | | | | avoid erosion due to heavy rainfall |
| | | | | ze fish seed to ensure faster growth |
| | | • II possible, | Stock bigger siz | ze fish seed to chsure faster growth |
| нфзі-ці ІСАВ | | | | |
| | | | | |

| Sl.no | 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 & | |
| 6 | 6 Aromatic Plants | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |