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|---|--|--|---|---|--|
| Date: 28.06.19 | | District: Tuensang | | Bulletin No: 51/2019 | |
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively.▪ Relative humidity varied from 83% to 94%.▪ Wind speed ranged from 3 to 4kmph | | | <ul style="list-style-type: none">▪ Probability of moderate rain▪ Max temp is likely to be 32⁰C-36⁰C and min temp 25⁰C to 26⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 60% to 94%.▪ Wind speed may reach upto 3-4 kmph▪ Wind may blow from southerly direction Weekly cumulative Rainfall: 50mm | | |
| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| Main crop | | Growth Stage | Pest/Disease | Weather based Agro-Advisories | |
| Jhum paddy | | Tillering | Leaf folder Blast | To prevent the development of both leaf folder and blast , remove grass weeds from in and around the paddy fields | |
| TRC /WRC paddy | | Nursery preparation | Blast | If sowing has not been completed, seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast | |
| Maize | | Flowering/maturity stage | Bird | Proper drainage should be maintained Use bird scarer for the control of birds | |
| Rajmash | | Podding stage | Leaf miner | In the present weather, as rainfall has occurred timely earthing up should be done. Timely roughing of infected plants should be done, handpick and destroy the mined leaves, whenever necessary spray the crop with neem products | |
| Cucurbitaceous vegetable | | Vegetative | Beetle | Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage | |
| Brinjal | | Flowering / fruiting stage | Fruit and shoot borer | <ul style="list-style-type: none">• Clip of the borer damaged shoots and collect and destroy the damaged fruits i.e. clean cultivation helps in management of borer disease effectively.• Continuous cropping of brinjal leads to more borer infestation. Therefore, crop rotation with non-solanaceous crops should be followed | |
| King chilli | | Vegetative to flowering stage | Aphids | These are small green insects that suck the sap from Tender leaves and flower buds. Remove all the virus affected plants and destroy | |
| Colocasia | | Germination stage | | Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding. | |
| Poultry | | Daily provide plenty of fresh, clean and cool drinking water during hot weather | | | |
| Piggery | | Rising temperatures result in animals being afflicted by fever, dehydration, decrease in body salts, loss of appetite and decrease in production. All efforts should be continued to protect the animals from the high temperature, the sun and the harsh, strong, hot and dry afternoon wind | | | |
| Fishery | | If possible before stocking, fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough | | | |



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|--|--|-----------------------|--|----------------------|--|
| Date: 28.06.19 | | District: Wokha | | Bulletin No: 51/2019 | |
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C respectively.▪ Relative humidity varied from 88% to 94%.▪ Wind speed ranged from 3 to 4kmph | | | <ul style="list-style-type: none">▪ Probability of moderate rain▪ Max temp is likely to be 28⁰C-29⁰C and min temp 20⁰C to 21⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 50% to 95%.▪ Wind speed may reach upto 4-6 kmph▪ Wind may blow from south easterly direction Weekly cumulative Rainfall: 20mm | | |
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| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size | | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | | |
| Jhum paddy | Tillering stage | Blast | Maintain field sanitation and adopt clean cultivation | | |
| TRC/WRC paddy | Nursery land preparation | | In the present weather start sowing of seeds in the nursery | | |
| Maize | Harvesting stage | | Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed | | |
| Brinjal | Fruiting stage | Fruit and shoot borer | <ul style="list-style-type: none">• Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%)• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development. | | |
| Ginger | | | Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically | | |
| Chilli | Vegetative stage | Leaf curl | Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants | | |
| Colocasia | | | Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding | | |
| Poultry | <ul style="list-style-type: none">• Protect the birds from rain.• Keep the litter material dry.• Provide clean and fresh water. All waterers should be cleaned daily• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily | | | | |
| Piggery | <ul style="list-style-type: none">• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat | | | | |
| Fishery | During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish. | | | | |



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|--|--|-----------------------|--|----------------------|--|
| Date: 28.06.19 | | District: Zunheboto | | Bulletin No: 51/2019 | |
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">Moderate rain occurred the past weekMax and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively.Relative humidity varied from 87% to 95%.Wind speed ranged from 4 to 5 kmph | | | <ul style="list-style-type: none">Probability of moderate rainMax temp is likely to be 30⁰C- 31⁰C and min temp 22⁰C to 23⁰CSky is likely to be partly cloudy the coming weekRelative Humidity is likely to range from 65% to 95%.Wind speed may reach upto 4-5kmphWind may blow from south easterly direction Weekly cumulative Rainfall: 45mm | | |
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| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size | | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | | |
| Jhum paddy | Tillering stage | Blast | Maintain field sanitation and adopt clean cultivation | | |
| TRC/WRC paddy | Nursery stage | | If sowing has not been completed, seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast. | | |
| Maize | Harvesting stage | | Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed | | |
| Brinjal | Fruiting stage | Fruit and shoot borer | <ul style="list-style-type: none">Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%)Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development. | | |
| Ginger | | | Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically | | |
| Chilli | Vegetative stage | Leaf curl | Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants | | |
| Colocasia | | | Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding | | |
| Poultry | <ul style="list-style-type: none">Protect the birds from rain.Keep the litter material dry.Provide clean and fresh water. All waterers should be cleaned dailyAntibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily | | | | |
| Piggery | <ul style="list-style-type: none">During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat | | | | |
| Fishery | During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish. | | | | |



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| Date: 28.06.19 | | District: Dimapur | | Bulletin No: 51/2019 |
|---|--|-----------------------|---|----------------------|
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | |
| <ul style="list-style-type: none">▪ Light rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 22⁰C to 24⁰C, respectively.▪ Relative humidity varied from 47% to 83%.▪ Wind speed ranged from 4 to 6 kmph | | | <ul style="list-style-type: none">▪ Probability of light rain▪ Max temp is likely to be 30⁰C - 31⁰C and min temp 22⁰C to 23⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 40% to 80%.▪ Wind speed may reach upto 5-6kmph▪ Wind may blow from south easterly direction Weekly cumulative Rainfall: 8mm | |
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| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | |
| Proper drainage should be maintained in the field to avoid water logging | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | |
| <i>TRC/WRC paddy</i> | Nursery preparation | | In the present weather start sowing of seeds in the nursery. Seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast. | |
| <i>Green gram</i> | Podding/harvesting stage | | Harvesting should be done during clear days | |
| <i>Naga king chilli</i> | Vegetative stage | Aphids | These are small green insects that suck the sap from tender leaves and flower buds. Remove all the virus affected plants and destroy | |
| <i>Okra</i> | Fruiting/harvesting stage | Shoot and fruit borer | Periodically Collect and destroy borer affected shoots and fruits As all the fruits do not mature at the same time, harvesting should be carried out once in 3-4 days. Frequent picking promotes fruit development and prevents the pods from growing too large | |
| <i>Cucurbitaceous vegetable</i> | Vegetative stage | Beetle | Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage | |
| <i>Soybean</i> | Land preparation | - | Land should be prepared thoroughly by ploughing and harrowing to a fine tilth. Care should be taken to provide good drainage. | |
| <i>Poultry</i> | Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather | | | |
| <i>Piggery</i> | Rising temperatures result in animals being afflicted by fever, dehydration, decrease in body salts, loss of appetite and decrease in production. All efforts should be continued to protect the animals from the high temperature, the sun and the harsh, strong, hot and dry wind | | | |
| <i>Fishery</i> | If possible before stocking, fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough | | | |



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| Date: 28.06.19 | District: Kiphire | Bulletin No: 51/2019 |
|---|-------------------|--|
| Weather of preceding week | | Weather forecast valid upto 03.07.2019 |
| <ul style="list-style-type: none"> Moderate rain occurred the past week Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 71% to 90%. Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none"> Probability of moderate rain Max temp is likely to be 30⁰C-31⁰C and min temp 22⁰C to 23⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 59% to 92%. Wind speed may reach upto 3-4 kmph Wind may blow from southeasterly direction Weekly cumulative Rainfall: 40 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|---------------------------------|--|-----------------------|---|
| <i>Jhum paddy</i> | Maximum tillering stage | Leaf folder Blast | <i>To prevent the development of both leaf folder and blast, remove grass weeds from in and around the paddy fields</i> |
| <i>TRC /WRC paddy</i> | Nursery preparation | Blast | <i>If sowing has not been completed, seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast</i> |
| <i>Maize</i> | Flowering/maturity stage | Bird | <i>Proper drainage should be maintained Use bird scarer for the control of birds</i> |
| <i>Rajmash</i> | Podding/harvesting stage | | <i>In the present weather, as rainfall is occurring daily harvesting should be done during clear skies</i> |
| <i>Cucurbitaceous vegetable</i> | Vegetative | Beetle | <i>Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage</i> |
| <i>Brinjal</i> | Vegetative | Fruit and shoot borer | <i>Clip off the damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%)</i> |
| <i>King chilli</i> | Flowering / fruiting stage | Aphids | <i>These are small green insects that suck the sap from tender leaves and flower buds. Remove all the virus affected plants and destroy</i> |
| <i>Colocasia</i> | Germination stage | | <i>Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding.</i> |
| Poultry | Daily provide plenty of fresh, clean and cool drinking water during hot weather | | |
| Piggery | Rising temperatures result in animals being afflicted by fever, dehydration, decrease in body salts, loss of appetite and decrease in production. All efforts should be continued to protect the animals from the high temperature, the sun and the harsh, strong, hot and dry afternoon wind | | |
| Fishery | If possible before stocking, fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough | | |



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| Date: 28.06.19 | | District: Kohima | | Bulletin No: 51/2019 | |
|---|--|----------------------------|--|----------------------|--|
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">Moderate rain occurred the past weekMax and min temperatures ranged 27⁰C to 28⁰C and 17⁰C to 18⁰C, respectively.Relative humidity varied from 77% to 94%.Wind speed ranged from 3 to 5kmph | | | <ul style="list-style-type: none">Probability of moderate rainMax temp is likely to be 26⁰C - 27⁰C and min temp 18⁰C to 19⁰CSky is likely to be partly cloudy the coming weekRelative Humidity is likely to range from 51% to 93%.Wind speed may reach upto 4-6 kmphWind may blow from southeasterly direction Weekly cumulative Rainfall: 35 mm | | |
| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
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| Main crop | Stage | Pest/Disease | Weather based Agro-Advisories | | |
| Jhum paddy | Booting to inflorescence stage | | Clean cultivation practices should be carried out | | |
| TRC paddy | Nursery/transplanting | Blast Yellow stem borer | If sowing has not been completed, seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast. If transplanting is in process, clip off the tip of seedling so as to reduce carryover of egg from nursery to main field, as the egg of stem borers are laid near the tip of the leaves | | |
| Maize | Tasseling stage | Bird | Use bird scarer during flowering or maturity. Due to continuous rain, the plant may lodge. To save the crop, provide proper drainage in the field and timely earthing up should be done | | |
| Cucurbitaceous vegetable | Vegetative stage | Fusarium wilt | Remove and destroy the infected plants and plant debris. Avoid water stagnation and maintain proper drainage | | |
| Chayote | Flowering stage | | Put a trellis or stake support in place | | |
| Potato | Land preparation | | In the present season, select soil which are well drained sandy loam and medium loam soils, rich in humus | | |
| Ginger | Vegetative stage | | In the present weather proper drainage channels should be provided. Earthing up should be done immediately after weeding | | |
| Poultry | <ul style="list-style-type: none">Protect the birds from rain.Keep the litter material dryStore animal feeds in clean and dry place to avoid fungus growth in feed | | | | |
| Piggery | Vaccination against Foot and Mouth disease in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals | | | | |
| Fishery | Fertilize the water in your new pond with animal, plant manure, compost whichever is available before stocking the pond with fish. Water will start to turn green; it will take about a week to become green enough. | | | | |



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|--|--|-----------------------|--|----------------------|--|
| Date: 28.06.19 | | District: Longleng | | Bulletin No: 51/2019 | |
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">Moderate rain occurred the past weekMax and min temperatures ranged 26⁰C to 30⁰C and 24⁰C to 25⁰C, respectively.Relative humidity varied from 66% to 93%.Wind speed ranged from 4 to 5 kmph | | | <ul style="list-style-type: none">Probability of light rainMax temp is likely to be 30⁰C-31⁰C and min temp22⁰C to 23⁰CSky is likely to be partly cloudy the coming weekRelative Humidity is likely to range from 54% to 91%.Wind speed may reach upto 3-5 kmphWind may blow from south easterly direction Weekly cumulative Rainfall: 19mm | | |
| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size | | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | | |
| Jhum paddy | Tillering stage | Blast | Maintain field sanitation and adopt clean cultivation | | |
| TRC/WRC paddy | Nursery preparation | | In the present weather start sowing of seeds in the nursery | | |
| Maize | Harvesting stage | | Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed | | |
| Brinjal | Fruiting stage | Fruit and shoot borer | <ul style="list-style-type: none">Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%)Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development. | | |
| Ginger | | | Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically | | |
| Chilli | Vegetative stage | Leaf curl | Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants | | |
| Colocasia | | | Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding | | |
| Soybean | Land preparation | - | Land should be prepared thoroughly by ploughing and harrowing to a fine tilth. Care should be taken to provide drain or a gentle slope for good drainage. | | |
| Poultry | <ul style="list-style-type: none">Protect the birds from rain.Keep the litter material dry.Provide clean and fresh water. All waterers should be cleaned dailyAntibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily | | | | |
| Piggery | <ul style="list-style-type: none">During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat | | | | |
| Fishery | During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish. | | | | |



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|---|--|-----------------------|--|----------------------|--|
| Date: 28.06.19 | | District: Mokokchung | | Bulletin No: 51/2019 | |
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">▪ Light rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively.▪ Relative humidity varied from 73% to 94%.▪ Wind speed ranged from 4 to 5 kmph | | | <ul style="list-style-type: none">▪ Probability of moderate rain▪ Max temp is likely to be 30⁰C-31⁰C and min temp 22⁰C to 23⁰C▪ Sky is likely to be cloudy the coming week▪ Relative Humidity is likely to range from 56% to 95%.▪ Wind speed may reach upto 4-5 kmph▪ Wind may blow from mostly south easterly direction Weekly cumulative Rainfall: 60mm | | |
| | | | | | |
| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| As there is probability of rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out. <i>Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size</i> | | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | | |
| Jhum paddy | Tillering stage | Blast | Maintain field sanitation and adopt clean cultivation | | |
| TRC/WRC paddy | Nursery stage | | If sowing has not been completed, seed treatment should be done at 2.0 g/kg seed with Captan or Carbendazim or Thiram to reduce blast. | | |
| Maize | Harvesting stage | | Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed | | |
| Brinjal | Fruiting stage | Fruit and shoot borer | <ul style="list-style-type: none">• Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%)• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development. | | |
| Ginger | | | Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically | | |
| Chilli | Vegetative stage | Leaf curl | Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants | | |
| Colocasia | | | Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding | | |
| Tapioca | For white flies spray neem oil 3%. Maintain proper sanitation. Timely remove infected/infested plant | | | | |
| Poultry | <ul style="list-style-type: none">• Protect the birds from rain.• Keep the litter material dry.• Provide clean and fresh water. All waterers should be cleaned daily• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily | | | | |
| Piggery | <ul style="list-style-type: none">• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat | | | | |
| Fishery | During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish. | | | | |



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| Date: 28.06.19 | | District: Mon | Bulletin No: 51/2019 |
|--|---|--|---|
| Weather of preceding week | | Weather forecast valid upto 03.07.2019 | |
| <ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively.▪ Relative humidity varied from 73% to 95%.▪ Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none">▪ Probability of moderate rain▪ Max temp is likely to be 28⁰C - 29⁰C and min temp 20⁰C to 21⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 59% to 90%.▪ Wind speed may reach upto 4-5 kmph▪ Wind may blow from south easterly direction Weekly cumulative Rainfall: 55mm | |
| Regular weeding and earthing up should be carried out | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
| <i>Jhum paddy</i> | Maximum tillering stage | Blast | Farmers are advised to daily monitor their field against pest and disease Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered |
| <i>TRC/WRC paddy</i> | Transplanting | Yellow stem borer | If transplanting is still in process, clip off the tip of seedling so as to reduce carryover of egg from nursery to main field, as the egg of stem borers are laid near the tip of the leaves |
| <i>Maize</i> | Harvesting stage | | Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed |
| <i>Colocasia</i> | Vegetative stage | | Timely weeding should be done followed by earthing up |
| <i>Cucurbitaceous vegetable</i> | Vegetative stage | Fusarium wilt | Remove and destroy the infected plants and plant debris. Avoid water stagnation and maintain proper drainage. |
| <i>Soybean</i> | Sowing stage | | Seeds should be treated with rhizobium culture before planting. Water logging is injurious to the crop so provide proper drainage in the field |
| <i>Banana</i> | <ul style="list-style-type: none">✓ Deep ploughing is to be done on bright sunny days during this month. The field should be kept exposed to sun light at least for 2-3 weeks✓ Disease free saplings should be planted in the field. Care should be taken to ensure proper source of the saplings. | | |
| <i>Poultry</i> | <ul style="list-style-type: none">• Offer good quality balanced ration/feed• Avoid feeding of mouldy feed• Don't make sudden changes in feed | | |
| <i>Piggery</i> | <ul style="list-style-type: none">• Animals purchased for the farm should be from disease free herds.• Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.• No visitor should be allowed to visit the farm. | | |
| <i>Fishery</i> | Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish. | | |



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| Date: 28.06.19 | | District: Peren | | Bulletin No: 51/2019 | |
|--|--|-----------------------|---|----------------------|--|
| Weather of preceding week | | | Weather forecast valid upto 03.07.2019 | | |
| <ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively.▪ Relative humidity varied from 85% to 90%.▪ Wind speed ranged from 2 to 3 kmph | | | <ul style="list-style-type: none">▪ Probability of moderate rain▪ Max temp is likely to be 28⁰C - 29⁰C and min temp20⁰C to 21⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 61% to 94%.▪ Wind speed may reach upto 3-4 kmph▪ Wind may blow from mostly southeasterly direction Weekly cumulative Rainfall: 20mm | | |
| | | | | | |
| WEATHER FORECAST BASED AGROMET ADVISORIES | | | | | |
| Proper drainage should be maintained in the field to avoid water logging | | | | | |
| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories | | |
| <i>Jhum paddy</i> | Tillering stage | Blast | Daily scouting should be done in the field daily as blast causes more damage in upland rice. If leaf blast is present, a preventative fungicide application should be considered Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field. They act as a source for the infection | | |
| <i>TRC/WRC paddy</i> | Nursery | | Prepare the nursery by ploughing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done and atleast 1 tonne of well dried FYM should be applied before sowing. | | |
| <i>Green gram</i> | Podding/harvesting stage | | Harvesting should be done during clear days | | |
| <i>Naga king chilli</i> | Flowering stage | Aphids | These are small green insects that suck the sap from tender leaves and flower buds. Remove all the virus affected plants and destroy | | |
| <i>Okra</i> | Fruiting/harvesting stage | Shoot and fruit borer | Collect and destroy the affected fruit and stems As all the fruits do not mature at the same time, harvesting should be carried out once in 3-4 days. Frequent picking promotes fruit development and prevents the pods from growing too large | | |
| <i>Cucurbitaceous vegetable</i> | Vegetative stage | Beetle | Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage | | |
| <i>Soybean</i> | Land preparation | - | Land should be prepared thoroughly by ploughing and harrowing to a fine tilth. Care should be taken to provide good drainage. | | |
| <i>Poultry</i> | Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather | | | | |
| <i>Piggery</i> | Rising temperatures result in animals being afflicted by fever, dehydration, decrease in body salts, loss of appetite and decrease in production. All efforts should be continued to protect the animals from the high temperature, the sun and the harsh, strong, hot and dry wind | | | | |
| <i>Fishery</i> | If possible before stocking, fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough | | | | |



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| Date: 28.06.19 | District: Phek | Bulletin No: 51/2019 |
|---|----------------|---|
| Weather of preceding week | | Weather forecast valid upto 03.07.2019 |
| <ul style="list-style-type: none">Moderate rain occurred the past weekMax and min temperatures ranged 28⁰C to 29⁰C and 18⁰C to 19⁰C, respectively.Relative humidity varied from 67% to 95%.Wind speed ranged from 3 to 4kmph | | <ul style="list-style-type: none">Probability of moderate rainMax temp is likely to be 26⁰C - 27⁰C and min temp 18⁰C to 19⁰CSky is likely to be partly cloudy the coming weekRelative Humidity is likely to range from 67% to 94%.Wind speed may reach upto 3-4 kmphWind may blow mostly southeasterly direction Weekly cumulative Rainfall: 27mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|---------------------------------|--|--------------|---|
| <i>Jhum paddy</i> | Tillering stage | Blast | Daily scouting should be done in the field daily as blast causes more damage in upland rice. If leaf blast is present, a preventative fungicide application should be considered Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field. They act as a source for the infection |
| <i>TRC paddy</i> | Nursery | | Start Preparing the main field for transplanting. Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water. Keep water to a depth of 2.5cm at the time of puddling |
| <i>Maize</i> | Tasseling stage | Bird | Use bird scarer during flowering or maturity. Due to continuous rain, the plant may lodge. To save the crop, provide proper drainage in the field and timely earthing up should be done |
| <i>Cucurbitaceous vegetable</i> | Flowering /fruiting stage | Fruit fly | Daily monitoring should be done. Collect damaged fruits regularly and destroy them in a deep hole or soak in water mixed with a chemical insecticide Cover young fruits with newspapers or waste clothes initially if cultivating a small area or in a kitchen garden. The fly will not go into the shaded area under the newspaper or cloth so this will prevent the fly laying eggs. |
| <i>Foxtail Millet</i> | Vegetative stage | | Timely remove and destroy the disease affected plants to avoid spread of the disease. |
| <i>Soybean</i> | Vegetative stage | | The first 40 days is critical, keep plot weed free by one or two hoeing, two weedings upto 40 days. |
| <i>Ginger</i> | Vegetative stage | | In the present weather proper drainage channels should be provided. Earthing up should be done immediately after weeding |
| <i>Poultry</i> | <ul style="list-style-type: none">Protect the birds from rain.Keep the litter material dryStore animal feeds in clean and dry place to avoid fungus growth in feed | | |
| <i>Piggery</i> | Vaccination against Foot and Mouth disease in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals | | |
| <i>Fishery</i> | Fertilize the water in your new pond with animal, plant manure, compost whichever is available before stocking the pond with fish. Water will start to turn green; it will take about a week to become green enough. | | |