



Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13 Dimapur District

Bulletin No:66/2013

Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged 33⁰C to 34⁰C and 21⁰C to 23⁰C, respectively.
Relative humidity varied from 48% to 96%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 1st Sept'13

There is possibility of moderate rain the coming week. Next five days ,a total rainfall of 104 mm is expected
Max temp is expected to be around 30⁰C - 32⁰C and min temp is expected to be around 21⁰C to 22⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 55% to 97% and
Wind speed 3– 4 kmph
Wind direction will be from southeasterly to southerly

Main Crops

Stage

Pest/ diseases

Agro-meteorological Advisories

Field crops

Upland Rice

Dough development stage

Gundhi bug

Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field.

Lowland rice

Tillering stage

Case worm

Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out.

Horticultural crops

Ginger

Vegetative stage

Rhizome rot

Farmers are advised to monitor the ginger against rhizome rot. Leaves of the affected plants become yellow, water soaked appearance found at the base of pseudo stem and rotting take place at the basal portion. The affected rhizomes become soft, pulpy and plant easily collapse on pressing.

Citrus

Fruiting to harvesting stage

Leaf miner

For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.

Brinjal

Fruiting and harvesting stage

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Damaged portion of the plants and fruits should be removed and destroyed.

Okra

harvesting stage

-

Crop rotation should be carried out

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|  | Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| | Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| | Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| | Poultry | Drinking water must be available at all times. It should be fresh and free from contamination. | | |
| | Fishery | <p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p> | | |




Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Kiphire District

Bulletin No:66/2013

| Weather summary of the preceding week | | | Weather forecast valid upto 1 st Sept'13 |
|--|---|----------------|--|
| <p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 25⁰C to 27⁰C and 18⁰C to 19⁰C, respectively. Relative humidity varied from 75% to 99%. Wind speed ranged from 2 to 4 kmph.</p> | | | <p>There is possibility of light rain the coming week. Next five days, a total rainfall of 30mm is expected Max temp is expected to be around 22⁰C - 23⁰C and min temp is expected to be around 17⁰C to 18⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 83% to 98% The wind speed 2- 4 kmph Wind direction will blow from southeasterly</p> |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |

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| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. |
|  | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Kohima District

Bulletin No:66/2013

| Weather summary of the preceding week | | | Weather forecast valid upto 1 st Sept'13 |
|--|-------------------------------|----------------|--|
| <p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 26⁰C to 30⁰C and 18⁰C to 20⁰C, respectively. Relative humidity varied from 54% to 97%. Wind speed ranged from 2 to 4 kmph.</p> | | | <p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 70 mm is expected Max temp is expected to be around 24⁰C - 28⁰C and min temp is expected to be around 17⁰C to 19⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 63% to 97% Wind speed 2- 4 kmph Wind direction will blow from southeasterly</p> |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Citrus | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |

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| | <i>Livestock</i> | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. |
|  | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Longleng District

Bulletin No:66/2013

| Weather summary of the preceding week | | | Weather forecast valid upto 1 st Sept'13 |
|--|---|----------------|--|
| <p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 30⁰C to 31⁰C and 21⁰C to 22⁰C, respectively. Relative humidity varied from 62% to 91%. Wind speed ranged from 2 to 4 kmph.</p> | | | <p>There is possibility of light rain the coming week. Next five days , a total rainfall of 41mm is expected Max temp is expected to be around 27⁰C - 28⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 66% to 97% The wind speed 2 –3 kmph Wind direction will blow from southeasterly to southerly</p> |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | - | Farmers are advised to remove the infected plants from the field and crop rotation should be carried out with non cruciferous crops once in a year. |
| Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| Poultry | Drinking water must be available at all times. It should be fresh and free from contamination. | | |



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| | <i>Fishery</i> | <p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p> |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Mokokchung District

Bulletin No: 66/2013

| <i>Weather summary of the preceding week</i> | | | <i>Weather forecast valid upto 1st Sept'13</i> |
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| <p>Light rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 31⁰C and 21⁰C to 22⁰C , respectively. Relative humidity varied from 62% to 92%. Wind speed ranged from 2 to 4 kmph.</p> | | | <p>There is possibility of light to moderate rain the coming week. Next five days,a total rainfall of 50 mm is expected Max temp is expected to be around 27⁰C - 28⁰C and min temp is expected to be around 19⁰C to 20⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 67% to 94% and Wind speed 4 – 5 kmph Wind direction will blow from southeasterly.</p> |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Citrus | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made | | |

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|  | | available during the night time too. |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. |
| | <i>Fishery</i> | <p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p> |



Integrated Agromet Advisory Service Bulletin from 28th Aug to 1st Sept'13 Mon District

Bulletin No:66/2013


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 29⁰C to 30⁰C and 20⁰C to 21⁰C, respectively.
- **Relative humidity** varied from 61% to 92%.
- **Wind speed** ranged from 3 to 4 kmph.

Weather forecast valid upto 1st Sept '13

- Possibility of light to moderate rain the next five days, a total rainfall of 37mm is expected
- The **max temp** is likely to be 26⁰C - 27⁰C and the **min temp** 19⁰C - 20⁰C.
- **Sky is likely to be mainly cloudy sky the coming week**
- **Relative Humidity** is likely to range from 69% to 94%
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be from southeasterly to southerly

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------------|--|-------------------|---|
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Ginger | Vegetative stage | - | Proper monitoring of the field should be done against pest and diseases. |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made | | |

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| | | available during the night time too. |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. |
|  | <i>Fishery</i> | <p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p> |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Peren District

Bulletin No:66/2013

| <i>Weather summary of the preceding week</i> | | | <i>Weather forecast valid upto 1st Sept'13</i> |
|--|--|----------------|---|
| <p>Light rain occurred the past week. Maximum and minimum temperature range from 29⁰C to 32⁰C and 19⁰C to 22⁰C, respectively. Relative humidity varied from 53% to 98%. Wind speed ranged from 2 to 4 kmph.</p> | | | <p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 69 mm is expected Max temp is expected to be around 28⁰C - 30⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 62% to 97% The wind speed may reach upto 2 - 4 kmph Wind direction will blow from southeasterly</p> |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |
| King chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made | | |

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| | | available during the night time too. |
|  | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. |
| | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Phek District

Bulletin No: 66/2013

Weather summary of the preceding week

Light rain occurred the past week
Maximum and **minimum temperatures** ranged from 28⁰C to 30⁰C and 19⁰C to 20⁰C, respectively.
Relative humidity varied from 66% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 1st Sept'13

There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 56 mm is expected
Max temp is expected to be around 25⁰C - 27⁰C and **min temp is expected to be around 18⁰C to 19⁰C**.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 72% to 96%
The **wind speed** 3- 4 kmph
Wind direction will blow from southeasterly

Main Crops

Stage

Pest/ Diseases


Agro-meteorological Advisories

Field crops

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|---------------------|-------------------------|------------|---|
| Upland Rice | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Lowland rice | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |

Horticultural crops

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|----------------|-------------------------------|------------|--|
| Citrus | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| Brinjal | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| Okra | harvesting stage | - | Crop rotation should be carried out |

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| | Chilli | fruiting stage | Chilli trips | Rogue out the infested plants. |
| | Cucurbits | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| | Livestock | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| | Poultry | Drinking water must be available at all times. It should be fresh and free from contamination. | | |
|  | Fishery | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. | | |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13 Tuensang District

Bulletin No:66/2013


Weather summary of the preceding week

Light rain occurred the past week
Maximum and minimum temperatures ranged 22⁰C to 24⁰C and 16⁰C to 17⁰C, respectively.
Relative humidity varied from 79% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 1st Sept'13

There is possibility of light rain the coming week. Next five days , a total rainfall of 35 mm is expected
Max temp is expected to be around 19⁰C - 20⁰C and min temp is expected to be around 15⁰C to 16⁰C.
Possibility of mainly cloudy sky the coming week
Relative humidity will range from 86% to 98% and
Wind speed 2 – 3 kmph
Wind direction will blow from southeasterly

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|-----------------------------------|-------------------------------|----------------|---|
| <i>Field crops</i> | | | |
| <i>Upland Rice</i> | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| <i>Lowland rice</i> | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| <i>Horticultural crops</i> | | | |
| <i>Brinjal</i> | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| <i>Okra</i> | harvesting stage | - | Crop rotation should be carried out |
| <i>Chilli</i> | fruiting stage | Chilli trips | Rogue out the infested plants. |
| <i>Cucurbits</i> | Flowering to fruiting | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |

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| | | stage | | |
| | <i>Citrus</i> | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| | <i>Ginger</i> | Vegetative stage | - | Proper monitoring of the field should be done against pest and diseases. |
| | <i>Livestock</i> | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. | | |
|  | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. | | |



Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13 Wokha District

Bulletin No:66/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 31⁰C to 32⁰C and 21⁰C to 22⁰C, respectively.
Relative humidity varied from 56% to 91%.
Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 1st Sept '13

There is possibility of moderate rain the coming week. Next five days , a total rainfall of 78 mm is expected
Max temp is expected to be around 28⁰C - 30⁰C and min temp is expected to be around 20⁰C to 21⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 61% to 97%
The wind speed 4 – 5 kmph
Wind direction will blow from southeasterly

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|-----------------------------------|-------------------------------|----------------|---|
| <i>Field crops</i> | | | |
| <i>Upland Rice</i> | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| <i>Lowland rice</i> | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| <i>Horticultural crops</i> | | | |
| <i>Citrus</i> | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| <i>Brinjal</i> | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| <i>Okra</i> | harvesting stage | - | Crop rotation should be carried out |
| <i>Chilli</i> | fruiting stage | Chilli trips | Rogue out the infested plants. |

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|  | <i>Cucurbits</i> | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| | <i>Livestock</i> | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. | | |
| | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. | | |
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Integrated Agromet Advisory Service Bulletin 28th Aug to 1st Sept'13

Zunheboto District

Bulletin No:66/2013

| <i>Weather summary of the preceding week</i> | <i>Weather forecast valid upto 1st Sept'13</i> |
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| Light rain occurred the past week Maximum and minimum temperatures ranged from 28 ⁰ C to 30 ⁰ C and 19 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 66% to 97%. Wind speed ranged from 3 to 4 kmph. | There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 56 mm is expected Max temp is expected to be around 25 ⁰ C - 27 ⁰ C and min temp is expected to be around 18 ⁰ C to 19 ⁰ C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 71% to 96% The wind speed 3- 4 kmph Wind direction will blow from southeasterly |

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------------|-------------------------------|----------------|---|
| Field crops | | | |
| <i>Upland Rice</i> | Dough development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| <i>Lowland rice</i> | Tillering stage | Case worm | Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out. |
| Horticultural crops | | | |
| <i>Cucurbits</i> | Flowering to fruiting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| <i>Brinjal</i> | Fruiting and harvesting stage | - | Damaged portion of the plants and fruits should be removed and destroyed. |
| <i>Okra</i> | harvesting stage | - | Crop rotation should be carried out |
| <i>Chilli</i> | fruiting stage | Chilli trips | Rogue out the infested plants. |

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|  | <i>Citrus</i> | Fruiting to harvesting stage | Leaf miner | For citrus orchards (less than 4 years old)- Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus. |
| | <i>Livestock</i> | The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too. | | |
| | <i>Poultry</i> | Drinking water must be available at all times. It should be fresh and free from contamination. | | |
| | <i>Fishery</i> | Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed. | | |

