

# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Kohima District

Bulletin No:09/2017

| Weather summary of the preceding week |   |                | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |
|---------------------------------------|---|----------------|--|
|                                       | ed the past week                              |                | Probability of no rain the coming week.  |
| Maximum and                           | l minimum temperat                            | ures ranged 18 | • Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $7^{\circ}$ C to $8^{\circ}$ C |
| $^{0}$ C to 23 $^{0}$ C and           | $16^{\circ}$ C to $8^{\circ}$ C, respectively | vely.          | Sky is likely to be mainly clear the coming week   |
| Relative humi                         | dity varied from 21%                          | to 90%.        | Relative Humidity is likely to range from 26% to 90%.  |
| • Wind speed ra                       | nged from 1 to 2 km                           | ph             | • Wind speed may reach upto 2- 4 kmph  |
|                                       |   |                | Wind direction will be southerly   |
| Main Crops                            | Stage   | Pest/          | Agro-meteorological Advisories   |
|                                       |   | Diseases       |  |
|                                       |   |                |  |

Field crops

# General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| TRC/WRC<br>paddy | Storage stage                  | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
|------------------|--------------------------------|--|
| Toria            | Flowering to<br>maturing stage | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 | Provide mulching to conserve moisture  |

# Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Mandarin                                | Fruiting to<br>harvesting stage |                      | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage                             |
|---|---------------------------------|----------------------|---|
| Vegetables(cab<br>bage,<br>cauliflower) | Heading to<br>harvesting stage  | Dod out oud          | Regular watering and weeding in main field is recommended.     Regular monitoring for pest and disease incidence and collection     and destruction of egg, larva, pupa and adult |
|   |                                 | Red ant and cut worm | • Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms                     |
| Pea                                     | Harvesting stage                |                      | • Cautious picking should be done to avoid plant damage.  |

### Livestock

### General Recommendations

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- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% 20% in the daily ration during winter season to meet the energy requirement of the animals
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

|   | Poultry | <ul> <li>Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</li> <li>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be</li> </ul> |
|---|---------|---|
|   |         | • Frotect from intense cold. Keep the shed wall covered during high. Froper venitation must be provided to protect from moisture inside the shed. Litter must be kept dry.  |
|   | Piggery | <ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul>  |
| H | Fishery | Check for any fish disease break out or fish mortality during winter months.  |



# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Longleng District

**Bulletin No:09/2017** 

| Weather su  | ummary of the precedin  | g week   | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |
|---|-------------------------|----------|--|
| • No rain occurred the past week                                      |                         |          | <ul> <li>Probability of no rain the coming week.</li> </ul>  |
| • Maximum and minimum temperatures ranged 25 <sup>o</sup> C           |                         |          | • Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C |
| to $29^{\circ}$ C and $10^{\circ}$ C to $11^{\circ}$ C, respectively. |                         |          | Sky is likely to be mainly clear the coming week   |
| Relative humidi   | ty varied from 21% to 8 | 9%.      | Relative Humidity is likely to range from 25% to 84%.  |
| Wind speed range  | ged from 1 to 2 kmph    |          | Wind speed may reach upto 1- 2 kmph  |
|   |                         |          | Wind direction will be southeasterly   |
| Main Crops  | Stage                   | Pest/    | Agro-meteorological Advisories   |
|   |                         | Diseases |  |
|   |                         |          |  |

Field crops

# General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| TRC/WRC<br>paddy | Storage stage                  | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
|------------------|--------------------------------|--|
| Toria            | Flowering to<br>maturing stage | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 | Provide mulching to conserve moisture  |
|                  |                                | Hort cultured anon   |

# Horticultural crop

## General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

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|   | Mandarin   | Fruiting to harvesting stage          |                      | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage                             |  |  |
|---|--|---------------------------------------|----------------------|---|--|--|
|   | Vegetables(cab<br>bage,<br>cauliflower)  | Heading to<br>harvesting stage        |                      | • Regular watering and weeding in main field is recommended.<br>Regular monitoring for pest and disease incidence and<br>collection and destruction of egg, larva, pupa and adult |  |  |
|   |  |                                       | Red ant and cut worm | • Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms                     |  |  |
|   | Pea  | Harvesting stage                      |                      | • Cautious picking should be done to avoid plant damage.  |  |  |
|   | <ul> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> <li><i>Poultry</i> <ul> <li><i>Litter should be changed periodically and provide clean drinking water and change the water e day. Diseased and dead birds should be immediately removed.</i></li> <li><i>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation mus provided to protect from moisture inside the shed. Litter must be kept dry.</i></li> </ul> </li> </ul> |                                       |                      |   |  |  |
|   | Piggery  | · · · · · · · · · · · · · · · · · · · | newly born pigl      | ets against swine fever at the age of 3 months followed by annual booster   |  |  |
| ) | Fishery  | * * *                                 |                      | eak out or fish mortality during winter months.   |  |  |

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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Mokokchung District

Bulletin No:09/2017

| Weather summary of the preceding week       |  |           | Weather forecast valid upto 1 <sup>st</sup> Feb'17                  |  |
|---|--|-----------|---|--|
| No rain occurr                              | ed the past week                         |           | Probability of no rain the coming week.                             |  |
|   | d minimum tempe                          |           | • Max temp is likely to be 25°C - 26°C and the min temp 9°C to 10°C |  |
| $28^{\circ}$ C to $29^{\circ}$ C at         | nd $9^{\circ}$ C to $10^{\circ}$ C, resp | ectively. | Sky is likely to be clear the coming week                           |  |
| • Relative humidity varied from 21% to 85%. |  |           | Relative Humidity is likely to range from 26% to 89%.               |  |
| • Wind speed ranged from 1 to 2 kmph        |  |           | Wind speed may reach upto 1- 2 kmph                                 |  |
|   |  |           | Wind direction will be southeasterly                                |  |
| Main Crops                                  | Stage                                    | Pest/     | Agro-meteorological Advisories                                      |  |
| Diseases                                    |  | Diseases  |   |  |
| Field crops                                 |  |           |   |  |

### **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| TRC/WRC<br>paddy | Storage stage                  |   | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
|------------------|--------------------------------|---|--|
| Toria            | Flowering to<br>maturing stage | - | <ul> <li>Soil moisture conservation techniques like mulching with crop residue<br/>is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be<br/>done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 |   | Provide mulching to conserve moisture  |

## Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Mandarin  | Fruiting to harvesting stage   |                                      | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage  |
|---|--|--------------------------------------|--|
| Vegetables(cab<br>bage,<br>cauliflower)   | Heading to harvesting stage  | Red ant and<br>cut worm              | <ul> <li>Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms</li> </ul> |
| Pea   | Harvesting stage   |                                      | • Cautious picking should be done to avoid plant damage.   |
| • Animals 20% in th   | eriodic vaccination of<br>should be given mine<br>he daily ration during | eral mixture alo<br>winter season to | <i>Livestock</i><br>FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>ng with salt regularly and wheat grains, jaggery etc. may be provided @ 10% -<br>meet the energy requirement of the animals<br>to all livestock and poultry.   |
| Poultry       • Litter should be changed periodically and provide clean drinking water and change the water even<br>Diseased and dead birds should be immediately removed.         • Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be pro |  |                                      | uld be immediately removed.  |

• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.



**Piggery** 

•

*Fishery* • *Check for any fish disease break out or fish mortality during winter months.* 

Keep floor dry to avoid skin diseases.

protect from moisture inside the shed. Litter must be kept dry.



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Mon District

Bulletin No:09/2017

| Weather summary of the preceding week |                                 |               | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |  |
|---------------------------------------|---------------------------------|---------------|--|--|
| • No rain occurre                     |                                 |               | <ul> <li>Probability of light rain the coming week.</li> </ul>   |  |
| • Maximum and                         | minimum temper                  | atures ranged | • Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C |  |
|                                       | d $10^{0}$ C to $11^{0}$ C, res |               | Sky is likely to be mainly clear the coming week   |  |
| Relative humidit                      | ty varied from 26%              | to 95%        | Relative Humidity is likely to range from 28% to 85%.  |  |
| • Wind speed rang                     | ged from 1 to 2 kmp             | oh            | Wind speed may reach upto 1- 2 kmph  |  |
|                                       |                                 |               | Wind direction will be southeasterly   |  |
| Main Crops                            | Stage                           | Pest/         | Agro-meteorological Advisories   |  |
|                                       |                                 | Diseases      |  |  |
|                                       |                                 |               |  |  |

Field crops

# General Recommendations

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- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
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| 1 /              | · · · · · · · · · · · · · · · · · · · |   |  |
|------------------|---------------------------------------|---|--|
| TRC/WRC<br>paddy | Storage stage                         |   | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
| Toria            | Flowering to<br>maturing stage        | - | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing<br>stage                     |   | • Provide mulching to conserve moisture  |
|                  |                                       |   |  |

## Horticultural crop

# General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

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|                    | Mandarin<br>Vegetables(cabb<br>age,  | Fruiting to<br>harvesting<br>stage<br>Heading to<br>harvesting   |                      | <ul> <li>Harvested fruits should be kept under proper storage condition to<br/>ensure that there is no change in the quality even after months of<br/>storage</li> <li>Regular watering and weeding in main field is recommended.<br/>Regular monitoring for pest and disease incidence and collection</li> </ul> |  |  |  |
|--------------------|--|--|----------------------|---|--|--|--|
|                    | cauliflower)   | stage  | Red ant and cut worm | <ul> <li>and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil<br/>8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid<br/>red ant and cut worms</li> </ul>  |  |  |  |
|                    | Pea  | Harvesting<br>stage  |                      | • Cautious picking should be done to avoid plant damage.  |  |  |  |
|                    | Tomato/ chilli   | Fruiting to<br>maturity stage  |                      | • Maintain an even moisture supply of water.  |  |  |  |
|                    | <ul> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul> |  |                      |   |  |  |  |
|                    | Poultry  | <ul> <li>Poultry</li> <li>Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</li> <li>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry.</li> </ul> |                      |   |  |  |  |
|                    | Piggery  | <ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul>   |                      |   |  |  |  |
| HIGP 31-94<br>ICAR | Fishery  |  |                      | break out or fish mortality during winter months.   |  |  |  |



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Peren District

Bulletin No:09/2017

|   |                      |                  | Dunetin N0:09/2017   |
|---|----------------------|------------------|--|
| Weather sur   | nmary of the preced  | ling week        | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |
|   | ed the past week     |                  | <ul> <li>Probability of no rain the coming week.</li> </ul>  |
| Maximum and   | l minimum temper     | atures ranged    | • Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $8^{\circ}$ C to $9^{\circ}$ C |
| $28^{\circ}$ C to $30^{\circ}$ C and $9^{\circ}$ C to $10^{\circ}$ C, respectively. |                      |                  | Sky is likely to be mainly clear the coming week   |
| Relative humid  | lity varied from 20% | b to 88%.        | • <b>Relative Humidity</b> is likely to range from 27% to 89%.   |
| Wind speed ran  | nged from 1 to 2 km  | ph               | • Wind speed may reach upto 2- 4 kmph  |
|   |                      |                  | Wind direction will be mostly southeasterly  |
| Main Crops  | Stage                | Pest/            | Agro-meteorological Advisories   |
|   |                      | Diseases         |  |
|   |                      |                  | Field crops  |
| <b>General Reco</b>   | mmendations          |                  | •  |
|   |                      | g seeds, but kee | p other vegetative rests on the land because that will reduce evaporation.                                 |
|   |                      |                  | or early evening to reduce evaporation. Check and repair all tools and                                     |
| -   | y especially where   |                  | • • •  |
|   | • • •                |                  |  |
|   |                      | ith thatch to pr | event evaporation losses.  |
| TRC/WRC   | Storage stage        |                  | • Paddy grains can be mixed with neem leaves at the time of storage to                                     |
| paddy   |                      |                  | reduce storage pests.  |
|   |                      |                  |  |
| Toria   | Flowering to         | -                | • Soil moisture conservation techniques like mulching with crop  |
|   | maturing stage       |                  | residue is recommended   |
|   |                      |                  | • Keep the field free from weeds and daily scouting of the field should                                    |
|   |                      |                  | be done for aphid.   |
| Rabi maize  | Maturing stage       |                  | Provide mulching to conserve moisture  |
|   |                      |                  |  |
| linseed/lentil  | Maturing stage       |                  | • Soil moisture conservation techniques like mulching with crop  |
|   |                      |                  | residue is recommended   |
|   |                      |                  |  |
|   |                      |                  |  |

# Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

| trash. Maintai          | ning crop hygiene i                | is an essential s      | tep for successful farming.   |
|-------------------------|------------------------------------|------------------------|---|
| Mandarin                | Fruiting to<br>harvesting stage    |                        | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage |
| Vegetables(cab<br>bage, | Heading to<br>harvesting stage     |                        | • <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>   |
| cauliflower)            |                                    | White rot or stalk rot | • Avoid excess moisture. Remove diseased leaves and destroy them  |
| Pea                     | Maturity to<br>harvesting<br>stage |                        | • Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.  |
| Tomato/ chilli          | Fruiting to<br>maturity stage      |                        | <ul> <li>Removed the infected leaves/ plant at timely interval</li> <li>Maintain an even moisture supply of water.</li> </ul>                         |
|                         |                                    |                        |   |

### Livestock

- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% 20% in the daily ration during winter season to meet the energy requirement of the animals
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

| Poultry | • Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.   |
|---------|---|
| Piggery | <ul> <li>Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor</li> <li>Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus.</li> <li>Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection.</li> </ul> |
| Fishery | <ul> <li>The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected.</li> <li>It is advisable to consult a fisheries expert prior to taking any management measures</li> </ul>  |





# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Phek District

Bulletin No:09/2017

| Weather su   | ummary of the prec | eding week   | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |
|--|--------------------|--|--|
| <ul> <li>Maximum<br/>ranged 27<sup>0</sup><br/>respectively</li> <li>Relative hur</li> </ul> |                    | temperatures<br><sup>0</sup> C to 109 <sup>0</sup> C,<br>21% to 90%. | <ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 25°C - 26°C and the min temp 8°C to 9°C</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 29% to 85%.</li> <li>Wind speed may reach upto 1- 2 kmph<br/>Wind direction will be mostly southerly</li> </ul> |
| Main   | Stage              | Pest/  | Agro-meteorological Advisories   |
| Crops  |                    | Diseases   |  |
|  |                    |  |  |

Field crops

## **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops. •
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation ٠ system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| 1                | · · · · · · · · · · · · · · · · · · · | / |  |
|------------------|---------------------------------------|---|--|
| TRC/WRC<br>paddy | Storage stage                         |   | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
| Toria            | Flowering to<br>maturing stage        | - | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing<br>stage                     |   | Provide mulching to conserve moisture  |
|                  |                                       | · | Horticultural crop   |

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to Ralstonia

solanacearum.

भाकुंअनुष ICAR • Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Mandarin                                | Fruiting to  |  | • Harvested fruits should be kept under proper storage condition to ensure  |  |  |
|---|--|--|---|--|--|
|   | harvesting stage   |  | that there is no change in the quality even after months of storage   |  |  |
| Vegetables(<br>cabbage,<br>cauliflower) | Heading to<br>harvesting stage   |  | • Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult |  |  |
|   |  | Red ant and<br>cut worm                | • Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms               |  |  |
| Pea                                     | Harvesting<br>stage  |  | • Cautious picking should be done to avoid plant damage.  |  |  |
|   |  |  | Livestock   |  |  |
|   | feeding of damp a  | nd foul smelling                       | son to meet the energy requirement of the animals<br>feed to all livestock and poultry.   |  |  |
| 1000119                                 |  |  | periodically and provide clean drinking water and change the water every day.<br>hould be immediately removed.  |  |  |
|   | • Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry. |  |   |  |  |
| Piggery                                 |  | all newly born p<br>r dry to avoid ski | oiglets against swine fever at the age of 3 months followed by annual booster dose.<br>in diseases.   |  |  |
| Fishery                                 | Check for  | any fish disease                       | break out or fish mortality during winter months.   |  |  |



# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Tuensang District

Bulletin No:09/2017

| Weather su                       | mmary of the prece                      | ding week   | Weather forecast valid upto 1 <sup>st</sup> Feb'17  |
|----------------------------------|---|-------------|---|
| •No rain occu                    | urred the past week                     |             | Probability of no rain the coming week.   |
|                                  | d minimum temper                        |             | • Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C |
| $28^{\circ}$ C to $29^{\circ}$ C | and $9^{\circ}$ C to $10^{\circ}$ C, re | spectively. | Sky is likely to be clear the coming week   |
| Relative hum                     | idity varied from 22                    | % to 95%.   | Relative Humidity is likely to range from 29% to 94%.   |
| • Wind speed i                   | ranged from 1 to 2 k                    | mph         | Wind speed may reach upto 1 - 2 kmph  |
|                                  |   |             | • Wind direction will be mostly southeasterly   |
| Main Crops                       | Stage                                   | Pest/       | Agro-meteorological Advisories  |
|                                  |   | Diseases    |   |
|                                  |   |             | T: 11   |

# Field crops

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| TRC/WRC<br>paddy | Storage stage                  | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
|------------------|--------------------------------|--|
| Toria            | Flowering to<br>maturing stage | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 | Provide mulching to conserve moisture  |

# Horticultural crop

## General Recommendations

General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

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| Mandarin   | Fruiting to harvesting stage   |   | <ul> <li>Harvested fruits should be kept under proper storage condition to<br/>ensure that there is no change in the quality even after months of<br/>storage</li> </ul>   |
|--|--|---|--|
| Vegetables(c<br>abbage,<br>cauliflower)            | Heading to harvesting stage  | Red ant and   | <ul> <li>Regular watering and weeding in main field is recommended<br/>Regular monitoring for pest and disease incidence and collection<br/>and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil &amp;</li> </ul>   |
|  |  | cut worm  | litre, 2 litre and 50 ml, respectively at weekly interval to avoid rec<br>ant and cut worms  |
| Pea  | Harvesting stage   |   | • Cautious picking should be done to avoid plant damage.   |
|  |  |   | Livestock  |
| • Anima 10% -                                      | ls should be given r<br>20% in the daily rati  | nineral mixture<br>on during winte  | r season to meet the energy requirement of the animals   |
| <ul> <li>Anima<br/>10% -</li> <li>Avoid</li> </ul> | Is should be given r<br>20% in the daily rati<br>feeding of damp and   | nineral mixture<br>on during winte<br>l foul smelling f   | along with salt regularly and wheat grains, jaggery etc. may be provided @<br>r season to meet the energy requirement of the animals<br>eed to all livestock and poultry.  |
| <ul> <li>Anima<br/>10% -</li> <li>Avoid</li> </ul> | Is should be given r<br>20% in the daily rati<br>feeding of damp and<br><i>Litter shoul</i><br><i>Diseased ar</i>  | nineral mixture<br>on during winte<br>I foul smelling f<br>d be changed pe<br>ad dead birds sh  | along with salt regularly and wheat grains, jaggery etc. may be provided @<br>r season to meet the energy requirement of the animals<br>eed to all livestock and poultry.<br>eriodically and provide clean drinking water and change the water every day<br>ould be immediately removed.   |
| • Anima 10% -                                      | Is should be given r<br>20% in the daily rati<br>feeding of damp and<br><i>Litter shoul</i><br><i>Diseased ar</i><br><i>Protect from</i><br><i>to protect from</i>   | nineral mixture<br>on during winte<br>I foul smelling f<br>d be changed pe<br>ad dead birds sh<br>n intense cold. I<br>com moisture ins | along with salt regularly and wheat grains, jaggery etc. may be provided @<br>r season to meet the energy requirement of the animals<br>eed to all livestock and poultry.<br>eriodically and provide clean drinking water and change the water every day<br>ould be immediately removed.<br>Keep the shed wall covered during night. Proper ventilation must be provided<br>side the shed. Litter must be kept dry.  |
| <ul> <li>Anima<br/>10% -</li> <li>Avoid</li> </ul> | <ul> <li>Is should be given r</li> <li>20% in the daily ratification feeding of damp and</li> <li>Litter should Diseased an</li> <li>Protect from to protect from to protect from to constant a dose.</li> </ul> | nineral mixture<br>on during winte<br>I foul smelling f<br>d be changed pe<br>ad dead birds sh<br>n intense cold. I<br>com moisture ins | along with salt regularly and wheat grains, jaggery etc. may be provided (<br>r season to meet the energy requirement of the animals<br>eed to all livestock and poultry.<br>eriodically and provide clean drinking water and change the water every day<br>ould be immediately removed.<br>Keep the shed wall covered during night. Proper ventilation must be provided<br>side the shed. Litter must be kept dry.<br>iglets against swine fever at the age of 3 months followed by annual booste |

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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Wokha District

Bulletin No:09/2017

| Weathers                          | where any of the massed                    | ling work     | Weather forecast valid upto 1 <sup>st</sup> Feb'17  |  |  |
|-----------------------------------|--|---------------|---|--|--|
|                                   | ummary of the preced                       | ing week      |   |  |  |
|                                   | red the past week                          |               | Probability of no rain the coming week.   |  |  |
| • Maximum an                      | nd minimum temper                          | atures ranged | • Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $8^{\circ}$ C to $10^{\circ}$ C |  |  |
| $28^{\circ}$ C to $29^{\circ}$ C  | and $8^{\circ}$ C to $10^{\circ}$ C, respe | ctively.      | Sky is likely to be mainly clear the coming week  |  |  |
| <ul> <li>Relative humi</li> </ul> | dity varied from 21%                       | to 81%.       | Relative Humidity is likely to range from 30% to 95%.   |  |  |
| • Wind speed ra                   | anged from 2 to 4 kmp                      | h             | Wind speed may reach upto 2- 4 kmph   |  |  |
|                                   |  |               | Wind direction will be mostly southeasterly   |  |  |
| Main Crops                        | Stage                                      | Pest/         | Agro-meteorological Advisories  |  |  |
|                                   |  | Diseases      |   |  |  |
|                                   | Field crops                                |               |   |  |  |

### General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

|                  | 1 / /                          |  |
|------------------|--------------------------------|--|
| TRC/WRC<br>paddy | Storage stage                  | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
| Toria            | Flowering to<br>maturing stage | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 | Provide mulching to conserve moisture  |
|                  |                                | Harticultural eron   |

### Horticultural crop

# General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

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| · · · · · · · · · · · · · · · · · · ·                          |   |                               | aterials that show signs of a disease and destroy them or place them in the p for successful farming.   |
|--|---|-------------------------------|---|
| Mandarin   | Fruiting to<br>harvesting stage                                       |                               | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage   |
| Vegetables(ca<br>bbage,<br>cauliflower)                        | Heading to<br>harvesting stage  |                               | • Regular watering and weeding in main field is recommended.<br>Regular monitoring for pest and disease incidence and collection<br>and destruction of egg, larva, pupa and adult   |
|  |   | Red ant and<br>cut worm       | • Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms   |
| Pea  | Harvesting stage  |                               | • Cautious picking should be done to avoid plant damage.  |
| <ul> <li>Ensure p</li> <li>Animals</li> <li>10% - 2</li> </ul> | s should be given miner<br>0% in the daily ration du                  | al mixture alouring winter so | <i>Livestock</i><br>at FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>ong with salt regularly and wheat grains, jaggery etc. may be provided @<br>eason to meet the energy requirement of the animals<br>I to all livestock and poultry. |
| Poultry  | day. Diseased<br>• Protect from i                                     | and dead bird<br>ntense cold. | riodically and provide clean drinking water and change the water every<br>ls should be immediately removed.<br>Keep the shed wall covered during night. Proper ventilation must be<br>sture inside the shed. Litter must be kept dry.             |
| Piggery  | <ul> <li>Vaccinate all n<br/>dose.</li> <li>Keep floor dry</li> </ul> |                               | lets against swine fever at the age of 3 months followed by annual booster diseases.  |
| Fishery  |   |                               | eak out or fish mortality during winter months.   |

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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Zunheboto District

| Weather su                       | ummary of the prec                 | eding week | Weather forecast valid upto 1 <sup>st</sup> Feb'17   |
|----------------------------------|------------------------------------|------------|--|
|                                  | urred the past week                |            | <ul> <li>Probability of no rain the coming week.</li> </ul>  |
|                                  |                                    |            | • Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $12^{\circ}$ C |
|                                  | $C$ and $8^{0}$ C to $10^{0}$ C, r |            | Sky is likely to be clear the coming week  |
| <ul> <li>Relative hum</li> </ul> | nidity varied from 2               | 3% to 90%. | Relative Humidity is likely to range from 28% to 90%.  |
| • Wind speed                     | ranged from 1 to 2                 | kmph       | • Wind speed may reach upto 1- 2 kmph  |
|                                  |                                    |            | Wind direction will be mostly southeasterly  |
|                                  | <u> </u>                           |            |  |
| Main Crops                       | Stage                              | Pest/      | Agro-meteorological Advisories   |
|                                  |                                    | Diseases   |  |
|                                  |                                    |            |  |

Field crops

## **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| 1                |                                |   |  |
|------------------|--------------------------------|---|--|
| TRC/WRC<br>paddy | Storage stage                  |   | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
| Toria            | Flowering to<br>maturing stage | - | <ul> <li>Soil moisture conservation techniques like mulching with crop residue<br/>is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should<br/>be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 |   | • Provide mulching to conserve moisture  |

## Horticultural crop

## General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA • Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Mandarin                                | Fruiting to<br>harvesting stage |                      | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage  |
|---|---------------------------------|----------------------|--|
| Vegetables(<br>cabbage,<br>cauliflower) | Heading to<br>harvesting stage  | Red ant and cut worm | <ul> <li>Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant</li> </ul> |
| Pea                                     | Harvesting stage                |                      | <ul> <li><i>and cut worms</i></li> <li><i>Cautious picking should be done to avoid plant damage.</i></li> </ul>  |

### Livestock

### **General Recommendations**

нфз

- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% 20% in the daily ration during winter season to meet the energy requirement of the animals
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

| Poultry      | Litter should be changed periodically and provide clean drinking water and change the water every day.     Diseased and dead birds should be immediately removed.                |
|--------------|--|
|              | • Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry.     |
| Piggery      | <ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul> |
| Fishery<br>R | • Check for any fish disease break out or fish mortality during winter months.   |



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Dimapur District

Bulletin No:09/2017

|                                  |   |                   | Bulletin No:09/2017   |
|----------------------------------|---|-------------------|---|
| Weather s                        | summary of the prece                      | ding week         | Weather forecast valid upto 1 <sup>st</sup> Feb'17  |
| No rain occu                     | rred the past week                        |                   | Probability of light rain the coming week.  |
| • Maximum a                      | nd minimum tempe                          | ratures ranged    | • Max temp is likely to be $25^{\circ}$ C - $27^{\circ}$ C and the min temp $9^{\circ}$ C to $11^{\circ}$ C |
| $27^{\circ}$ C to $28^{\circ}$ C | and $8^{\circ}$ C to $10^{\circ}$ C, resp | pectively.        | Sky is likely to be mainly clear the coming week  |
| Relative hum                     | idity varied from 35%                     | 6 to 94%.         | Relative Humidity is likely to range from 30% to 91%.   |
| • Wind speed r                   | anged from 2 to 4 km                      | ph                | • Wind speed may reach upto 3- 4 kmph   |
|                                  |   |                   | Wind direction will be mostly southeasterly   |
| Main Crops                       | Stage                                     | Pest/             | Agro-meteorological Advisories  |
|                                  |   | Diseases          |   |
|                                  |   |                   | Field crops   |
| <b>General Rec</b>               | ommendations                              |                   |   |
| Conser                           | vation of soil moistur                    | e through locally | v available biomass mulching in all the crops.  |
| Utilizat                         | tion of harvested wa                      | ter stored in va  | rious structures like Jalkund is recommended through drip and sprinkle                                      |
|                                  | on system                                 |                   |   |
| U                                | •   | of nutrients (FY) | M, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed                                      |
| -                                | st, Neem cake etc.) in                    | ,                 | (i), vermeenipost, i ounry manare, i ig manare, oouv sheep manare, white                                    |
| TRC/WRC                          | · · · · · · · · · · · · · · · · · · ·     |                   | Dedde service and he wild a side some for the time of stars   |
|                                  | Storage stage                             |                   | • Paddy grains can be mixed with neem leaves at the time of storag  |
| paddy                            |   |                   | to reduce storage pests.  |
| Toria                            | Flowering to                              | -                 | • Soil moisture conservation techniques like mulching with cro  |
|                                  | maturing stage                            |                   | residue is recommended  |
|                                  |   |                   | • Keep the field free from weeds and daily scouting of the field  |
|                                  |   |                   | should be done for aphid.   |
| Rabi maize                       | Maturing stage                            |                   | Provide mulching to conserve moisture   |
| linseed/lentil                   | Maturing stage                            |                   | Soil moisture conservation techniques like mulching with cro  |
|                                  | maturing stage                            |                   | <i>residue is recommended</i>   |
|                                  |   |                   |   |
|                                  |   |                   | Horticultural crop  |
|                                  |   |                   | itor mountain an or op  |

### **General Recommendations**

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

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| Mandarin  | Fruiting to harvesting stage   |   | • Harvested fruits should be kept under <b>proper storage condition</b><br>ensure that there is no change in the quality even after mont<br>storage  |
|---|--|---|--|
| Vegetables(c<br>abbage,<br>cauliflower)                                 | Heading to harvesting stage  |   | • Regular watering and weeding in main field is recommen<br>Regular monitoring for pest and disease incidence and colle<br>and destruction of egg, larva, pupa and adult   |
|   |  | Red ant and cut worm  | • Drenching of plant with mixture of water, cow urine and Neem litre, 2 litre and 50 ml, respectively at weekly interval to avoid ant and cut worms  |
| Pea   | Harvesting stage   |   | • Cautious picking should be done to avoid plant damage.   |
| Tomato/<br>chilli   | Fruiting to<br>maturity stage  |   | • <i>Maintain an even moisture supply of water.</i>  |
| <ul><li>Ensure</li><li>Animal</li></ul>                                 | s should be given m  | ineral mixture a  | <i>Livestock</i><br>st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>long with salt regularly and wheat grains, jaggery etc. may be provide  |
| <ul> <li>Ensure</li> <li>Animal<br/>10% - 2</li> </ul>                  | periodic vaccination<br>s should be given m<br>20% in the daily ration   | ineral mixture a n during winter s  | st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax  |
| <ul> <li>Ensure</li> <li>Animal<br/>10% - 2</li> </ul>                  | periodic vaccination<br>s should be given m<br>20% in the daily ration<br>feeding of damp and f<br>• Litter should<br>Diseased and   | ineral mixture a<br>n during winter s<br>Youl smelling fee<br>d be changed per<br>d dead birds sho  | st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>long with salt regularly and wheat grains, jaggery etc. may be provide<br>eason to meet the energy requirement of the animals<br>d to all livestock and poultry.  |
| <ul> <li>Ensure</li> <li>Animal<br/>10% - 2</li> <li>Avoid f</li> </ul> | periodic vaccination<br>s should be given m<br>20% in the daily ration<br>feeding of damp and f<br>• Litter should<br>Diseased and<br>• Protect from   | ineral mixture a<br>n during winter s<br>foul smelling fee<br>d be changed per<br>d dead birds sho<br>n intense cold. K                       | st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>long with salt regularly and wheat grains, jaggery etc. may be provide<br>eason to meet the energy requirement of the animals<br>d to all livestock and poultry.  |
| <ul> <li>Ensure</li> <li>Animal<br/>10% - 2</li> <li>Avoid f</li> </ul> | periodic vaccination of<br>s should be given m<br>20% in the daily ration<br>feeding of damp and f<br>• Litter should<br>Diseased and<br>• Protect from<br>to protect from<br>to protect from<br>to protect all<br>dose. | ineral mixture a<br>n during winter s<br>Youl smelling fee<br>l be changed per<br>d dead birds sho<br>n intense cold. K<br>for moisture insid | st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax<br>long with salt regularly and wheat grains, jaggery etc. may be provide<br>eason to meet the energy requirement of the animals<br>d to all livestock and poultry.<br>Fiodically and provide clean drinking water and change the water every<br>uld be immediately removed.<br>eep the shed wall covered during night. Proper ventilation must be provide<br>the shed. Litter must be kept dry.<br>glets against swine fever at the age of 3 months followed by annual bo |

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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17** Kiphire District

Bulletin No:09/2017

| Weather sur                         | nmary of the preced                     | ling week      | Weather forecast valid upto 1 <sup>st</sup> Feb'17  |
|-------------------------------------|---|----------------|---|
| No rain occurre                     | d the past week                         |                | Probability of no rain the coming week.   |
| • Maximum and                       | minimum temper                          | ratures ranged | • Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C |
|                                     | d 9 <sup>0</sup> C to $10^{0}$ C, respe |                | Sky is likely to be mainly clear the coming week  |
| <ul> <li>Relative humidi</li> </ul> | ty varied from 26%                      | to 95%.        | • <b>Relative Humidity</b> is likely to range from 30% to 94%.  |
| • Wind speed rang                   | ged from 1 to 2 kmp                     | h              | • Wind speed may reach upto 1- 2 kmph   |
|                                     |   |                | Wind direction will be mostly southeasterly   |
| Main Crops                          | Stage                                   | Pest/          | Agro-meteorological Advisories  |
|                                     |   | Diseases       |   |
|                                     |   |                | Field crops   |

# General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

| TRC/WRC<br>paddy | Storage stage                  |   | • Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.   |
|------------------|--------------------------------|---|--|
| Toria            | Flowering to<br>maturing stage | - | <ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul> |
| Rabi maize       | Maturing stage                 |   | Provide mulching to conserve moisture  |

# Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Mandarin                                | Fruiting to<br>harvesting stage  |   | • Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage   |
|---|--|---|---|
| Vegetables(cab<br>bage,<br>cauliflower) | Heading to<br>harvesting stage   |   | • Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult   |
|   |  | Red ant and<br>cut worm   | • Drenching of plant with mixture of water, cow urine and Neem oil 8 litre 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cu worms   |
| Pea                                     | Harvesting stage   |   | • Cautious picking should be done to avoid plant damage.  |
| 20% in th                               | ne daily ration during   | winter season to  | ng with salt regularly and wheat grains, jaggery etc. may be provided @ 10%<br>o meet the energy requirement of the animals<br>to all livestock and poultry.  |
| Poultry                                 | Diseased an  | nd dead birds sh  | periodically and provide clean drinking water and change the water every day<br>would be immediately removed.   |
| Poultry<br>Piggery                      | Diseased an<br>Protect from<br>protect from                                | nd dead birds sh<br>n intense cold.<br>n moisture insid   |   |
| -                                       | Diseased an<br>Protect from<br>protect from<br>Vaccinate a<br>Keep floor o | nd dead birds sh<br>n intense cold.<br>n moisture insid<br>Il newly born p<br>lry to avoid skir | ould be immediately removed.<br>Keep the shed wall covered during night. Proper ventilation must be provided<br>e the shed. Litter must be kept dry.<br>glets against swine fever at the age of 3 months followed by annual booster dos |

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