



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: ANJAW**

{Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl}

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|--------------------------------------|---|
| No weather summary available         | <b>Mostly cloudy with possibility of moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 16-17°C respectively. Expected morning and evening relative humidity will be 98-100% and 65-75% respectively. Wind direction is mainly E & ESE with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b> <ul style="list-style-type: none"><li><b>Manual weeding recommended during dry days</b></li><li><b>Check for schedule vaccination of livestock/poultry</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                                   |                           |  |
|--|-----------------------------------|---------------------------|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                                   |                           |  |
| Crop   | Stage                             | Pest/Disease              | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>   |                                   |                           |  |
| Jhum rice  | Leaf elongation/ tillering        |                           | <ul style="list-style-type: none"><li>❖ On anticipation of rain, provide proper drainage</li><li>❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.</li><li>❖ Keep the surrounding clean/ weed free to avoid disease/pest harboring</li></ul>         |
| Rice   | Transplantation / leaf elongation | Stem borer                | <ul style="list-style-type: none"><li>❖ <b>Right time for transplantation</b></li><li>❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul> |
| Maize  | Fruiting/ Mature                  | Rat                       | <ul style="list-style-type: none"><li>❖ <b>Harvest of mature cobs during clear/dry days.</b></li><li>❖ <b>To protect the cobs from rat use of locally available traps is advised</b></li></ul>   |
| <b>VEGETABLES</b>  |                                   |                           |  |
| Chilli/ tomato/ brinjal  | Vegetative/ Flowering             | Leaf Curl                 | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>   |
| French Bean, black gram, green gram.   | Vegetative/ Fruiting              | Bean borer                | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>              |
| <b>HORTICULTURAL CROPS</b>   |                                   |                           |  |
| Apple  | Fruiting                          | Fruit drop / wooly aphids | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>   |
| Citrus   | Flowering                         | Fruit drop/ Phytophthora  | <ul style="list-style-type: none"><li>● Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>   |
| Large cardamom   | Sowing                            |                           | <ul style="list-style-type: none"><li>❖ Avoid sowing under current weather condition till rain subside</li></ul>   |
| <b>LIVESTOCKS</b>  |                                   |                           |  |
| Livestock  | Stage                             | Disease                   | ❖ Precautionary Practices to be followed   |
| Pigs   | All stages                        |                           | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>  |
| Poultry  | All stages                        |                           | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>  |
| Cattle   | All stages                        | FMD                       | <ul style="list-style-type: none"><li>❖ <b>Deworming using antihelmintic drugs like Oxyclozanide/ Pyrantel.</b></li></ul>  |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                                   |                           |  |



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**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: CHANGLANG**

{Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl}

| Weather summery of the previous week  | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|---|--|
| Rainfall = Changlang: 0.0 mm Miao: 74.8 mm<br>(Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 29-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 90-98% and 54-73% respectively. Wind direction is mainly E with average wind speed range of 2-4 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b> <ul style="list-style-type: none"><li><b>Manual weeding recommended during dry days</b></li><li><b>Check for schedule vaccination of livestock/poultry</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                                   |                       |   |
|--|-----------------------------------|-----------------------|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                                   |                       |   |
| Crop   | Stage                             | Pest/Disease          | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>   |                                   |                       |   |
| <i>Jhum</i> rice   | Leaf elongation/<br>tillering     | Leaf blast/ leaf spot | ❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast &amp; leaf spot.</b>  |
| Kharif Maize   | Sowing                            |                       | ❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b><br>❖ <b>Ensure seed treatment with carbendazim/Thiram @2g/kg seeds.</b><br>❖ <b>Sowing only during clear/dry weather</b>                              |
| Rice (Early sown)  | Leaf Elongation/<br>Tillering     | Stem borer            | ❖ <b>Rice: Weed free &amp; clean field periphery to prevent disease/pest harboring.</b>   |
| Rice (normal sown)   | Transplantation / leaf elongation | Stem borer            | ❖ <b>Right time for transplantation</b><br>❖ <b>Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</b>        |
| <b>VEGETABLES</b>  |                                   |                       |   |
| Chilli/ tomato/ brinjal  | Vegetative/<br>Flowering          | Leaf Curl             | ❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b>  |
| Sponge, bitter, ash & ridge gourd, pumpkin, cucumber   | Vegetative/<br>Fruiting           | Fruit fly             | ❖ <b>Use traps to capture adult fruit fly,</b><br>❖ <b>Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</b>  |
| <b>HORTICULTURAL CROPS</b>   |                                   |                       |   |
| Banana   | All stages                        | Scary beetles         | ❖ <b>Earthing up followed by fertilizer application</b><br>❖ <b>Apply Malathion dust 5D inside the whorl of the plant,</b><br>❖ <b>Planting of new saplings may be done in present weather</b>  |
| Citrus   | Flowering/<br>Seedling            | Phytophthora          | ❖ <b>Right time for seedling-follow half moon terraces with spacing of 5 meter.</b><br>❖ <b>During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.</b> |
| Guava  | Flowering<br>fruiting             |                       | ❖ <b>Avoid water logging in the basin,</b><br>❖ <b>Basin cleaning in half moon system is advised,</b>   |
| <b>LIVESTOCKS</b>  |                                   |                       |   |
| Livestock  | Stage                             | Disease               | ❖ Precautionary Practices to be followed  |
| Pigs   | All stages                        |                       | ❖ <b>Avoid dampness and cover weak and sick animals with sack cloth.</b>  |
| Poultry  | All stages                        |                       | ❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b>   |
| Fishery  |                                   |                       | ❖ <b>To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.</b><br>❖ <b>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.</b>                     |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                                   |                       |   |



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**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY**

{Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl}

| Weather summery of the previous week                    | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|---|---|
| Rainfall = 1.0 mm (Anini) (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b><br>Daily maximum and minimum temperature for the following period is predicted to be 22-23°C and 16-17°C respectively. Expected morning and evening relative humidity will be 99% and 68-73% respectively. Wind direction is mainly SE & S with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li><b>Suspend all spray operations</b></li><li><b>Do not go for fertilizer/manure applications</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                               |   |  |
|--|-------------------------------|---|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                               |   |  |
| Crop   | Stage                         | Pest/Disease                                | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>   |                               |   |  |
| <i>Jhum</i> rice   | Leaf elongation/<br>tillering | Leaf blast/ leaf spot/<br>Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>                    |
| <i>WRC-RICE (Mipun)</i>  | Nursery                       |   | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery,</li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul>   |
| Rice (Early sown)  | Leaf elongation               |   | <ul style="list-style-type: none"><li>• <b>On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff</b></li></ul>  |
| Maize  | Fruiting/<br>Mature           | Stem borer<br>Rat                           | <ul style="list-style-type: none"><li>❖ <b>Harvest of mature cobs during clear/dry days.</b></li><li>❖ <b>To protect the cobs from rat use of locally available traps is advised,</b></li></ul>  |
| <b>VEGETABLES</b>  |                               |   |  |
| Chilli/ tomato/<br>brinjal   | Vegetative/<br>Flowering      | Leaf Curl                                   | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>   |
| French Bean,<br>black gram,<br>green gram.   | Vegetative/<br>Fruiting       | Bean borer                                  | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>  |
| <b>HORTICULTURAL CROPS</b>   |                               |   |  |
| Apple  | Fruiting                      | Fruit drop /<br>wooly aphids                | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>   |
| Citrus   | Flowering                     | Fruit drop/<br>Phytophthora                 | <ul style="list-style-type: none"><li>❖ Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>   |
| Kiwi   | Flowering/<br>fruiting        | Leaf eating<br>beetle                       | <ul style="list-style-type: none"><li>❖ Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.</li><li>❖ Hand collection of the insects and its destruction,</li><li>❖ Make proper drainage facility in the crop area</li></ul> |
| <b>LIVESTOCKS</b>  |                               |   |  |
| Livestock  | Stage                         | Disease                                     | ❖ Precautionary Practices to be followed   |
| Pigs   | All stages                    |   | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>  |
| Poultry  | All stages                    |   | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>  |
| Cattle   | All stages                    | FMD   | <ul style="list-style-type: none"><li>❖ <b>Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.</b></li><li>❖ Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)</li></ul>           |
| Mithun   |                               | FMD   | <ul style="list-style-type: none"><li>❖ Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.</li><li>❖ Pregnant animals above 7 months of pregnancy should be avoided.</li></ul>                |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                               |   |  |





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No: AMFU-Basar/2018/49

Dated: Tue, 19<sup>th</sup> June, 2018



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: EAST KAMENG**

| Weather summery of the previous week             | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|--|---|
| Rainfall = 51.0 mm (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b><br>Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 19-21°C respectively. Expected morning and evening relative humidity will be 96-99% and 64-72% respectively. Wind direction is mainly ESE with average wind speed range of 2 kmph. |
| <b>Warning:</b>                                  | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                                   |                         |  |
|---|-----------------------------------|-------------------------|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                   |                         |  |
| Crop  | Stage                             | Pest/Disease            | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>  |                                   |                         |  |
| Jhum rice   | Leaf elongation/ tillering        | Leaf blast/ leaf spot   | ❖ On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.  |
| Kharif Maize  | Sowing                            |                         | ❖ Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency<br>❖ Ensure seed treatment with carbendazim/Thiram @2g/kg seeds.<br>❖ Sowing may be done during dry days  |
| Rice  | Transplantation / leaf elongation | Stem borer              | ❖ <b>Right time for transplantation</b><br>❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.                            |
| <b>VEGETABLES</b>   |                                   |                         |  |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering             | Leaf Curl               | ❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b>   |
| Cucurbits   | Flowering/ Fruiting               | Leaf eating insects     | ❖ Monitor for possible attack of insect/pests<br>❖ During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects.<br>❖ Cover the base of crop with locally available mulches to avoid exposure to erosion, |
| <b>HORTICULTURAL CROPS</b>  |                                   |                         |  |
| Citrus  | Flowering                         | Bark eating caterpillar | ❖ Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.   |
| Banana  | Bunching                          | Cold                    | ❖ Cover newly emerged bunches with locally available sack to protect from cold/frost<br>❖ <b>Mulching with straw/crop residue at root zone to avoid frost injury in banana.</b>  |
| Large Cardamom  | Vegetative/ flowering stage       |                         | ❖ Provide proper drainage to avoid water stagnation in the base of the plants.   |
| <b>LIVESTOCKS</b>   |                                   |                         |  |
| Livestock   | Stage                             | Disease                 | ❖ Precautionary Practices to be followed   |
| Pigs  | All stages                        |                         | ❖ Avoid dampness and cover weak and sick animals with sack cloth.  |
| Fishery   |                                   |                         | ❖ To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.<br>❖ Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.  |
| Poultry   | All stages                        |                         | ❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b>  |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                   |                         |  |





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**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: EAST SIANG**

{Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl}

| Weather summery of the previous week  | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|---|--|
| Rainfall: 46.8 mm; T. Max: 34.°C; T. Min: 24.0°C ; RH: 82-96% (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b><br>Daily maximum and minimum temperature for the following period is predicted to be 28-32°C and 23-25°C respectively. Expected morning and evening relative humidity will be 95-98% and 70-91% respectively. Wind direction is mainly NE & ENE with average wind speed range of 2 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                                   |  |   |
|---|-----------------------------------|--|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                   |  |   |
| Crop  | Stage                             | Pest/Disease                             | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>  |                                   |  |   |
| <i>Jhum</i> rice  | Leaf elongation/ tillering        | Leaf blast/ leaf spot/ Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>   |
| Kharif Maize  | Sowing                            |  | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ Ensure seed treatment with carbendazim/Thiram @2g/kg seeds.</li></ul>   |
| <i>WRC-RICE (Normal sown)</i>   | Nursery                           |  | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery</li><li>❖ <b>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</b></li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Rice  | Transplantation / leaf elongation |  | <ul style="list-style-type: none"><li>❖ <b>On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff</b></li></ul>   |
| Maize   | Fruiting/ Mature                  | Stem borer Rat                           | <ul style="list-style-type: none"><li>❖ Harvest of mature cobs during clear/dry days.</li><li>❖ To protect the cobs from rat use of locally available traps is advised,</li></ul>   |
| <b>VEGETABLES</b>   |                                   |  |   |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering             | Leaf Curl                                | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>  |
| Sponge, bitter, ash & ridge gourd, pumpkin, cucumber  | Vegetative/ Fruiting              | Fruit fly                                | <ul style="list-style-type: none"><li>❖ Use traps to capture adult fruit fly,</li><li>❖ Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>   |
| <b>HORTICULTURAL CROPS</b>  |                                   |  |   |
| Apple   | Fruiting                          | Fruit drop / wooly aphids                | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>  |
| Guava   | Flowering                         |  | <ul style="list-style-type: none"><li>❖ <b>Avoid water logging in the basin,</b></li><li>❖ <b>Basin cleaning in half moon system is advised,</b></li></ul>  |
| Citrus  | Flowering                         | Fruit drop/ Phytophthora                 | <ul style="list-style-type: none"><li>• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| Banana  | All stages                        | Scary beetles                            | <ul style="list-style-type: none"><li>❖ <b>Earthing up followed by fertilizer application</b></li><li>❖ Apply Malathion dust 5D inside the whorl of the plant,</li><li>❖ Planting of new saplings may be done in present weather</li></ul>  |
| <b>LIVESTOCKS</b>   |                                   |  |   |
| Livestock   | Stage                             | Disease                                  | ❖ Precautionary Practices to be followed  |
| Pigs  | All stages                        |  | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Fishery   |                                   |  | <ul style="list-style-type: none"><li>❖ <b>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.</b></li></ul>  |
| Poultry   | All stages                        |  | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                   |  |   |



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

No: AMFU-Basar/2018/49

Dated: Tue, 19<sup>th</sup> June, 2018



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: KURUNG KUMEY**

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|--------------------------------------|--|
| Rainfall (Koloriang): 103.6 mm       | <b>Mostly cloudy with possibility of rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 22-23°C and 15-17°C respectively. Expected morning and evening relative humidity will be 92-95% and 70-76% respectively. Wind direction is mainly E & ESE with average wind speed range of 3 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li>• <b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul> |                                   |  |   |
|---|-----------------------------------|--|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                   |  |   |
| Crop  | Stage                             | Pest/Disease                             | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>  |                                   |  |   |
| Jhum rice   | Leaf elongation/ tillering        | Leaf blast/ leaf spot/ Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>           |
| Rice  | Transplantation / leaf elongation | Stem borer                               | <ul style="list-style-type: none"><li>❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul>                            |
| Maize   | Fruiting/ Mature                  | Stem borer Rat                           | <ul style="list-style-type: none"><li>❖ <b>Harvest of mature cobs during clear/dry days.</b></li><li>❖ <b>To protect the cobs from rat use of locally available traps is advised,</b></li></ul>   |
| <b>VEGETABLES</b>   |                                   |  |   |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering             | Leaf Curl                                | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>   |
| Cucurbits   | Flowering/ Fruiting               | Leaf eating insects                      | <ul style="list-style-type: none"><li>❖ During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects.</li><li>❖ Cover the base of crop with locally available mulches to avoid exposure to erosion,.</li></ul> |
| <b>HORTICULTURAL CROPS</b>  |                                   |  |   |
| Apple   | Fruiting                          | Fruit drop / wooly aphids                | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>  |
| Peach   | Fruit maturing                    | Fruit Fly                                | <ul style="list-style-type: none"><li>❖ Install fruit fly pheromone traps,</li><li>❖ Collect and dispose off the fallen fruits.</li><li>❖ Clean basin,</li></ul>  |
| Citrus  | Flowering                         | Fruit drop/ Phytophthora                 | <ul style="list-style-type: none"><li>❖ Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| <b>LIVESTOCKS</b>   |                                   |  |   |
| Livestock   | Stage                             | Disease                                  | ❖ Precautionary Practices to be followed  |
| Pigs  | All stages                        |  | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry   | All stages                        |  | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                   |  |   |



कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

No: AMFU-Basar/2018/49

Dated: Tue, 19<sup>th</sup> June, 2018



Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOHIT

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|--------------------------------------|---|
| Rainfall: NA                         | Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 20-22°C respectively. Expected morning and evening relative humidity will be 96-99% and 66-79% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph. |
| Warning:                             | <ul style="list-style-type: none"><li>Nil</li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                            |                                     |  |
|---|----------------------------|-------------------------------------|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                            |                                     |  |
| Crop  | Stage                      | Pest/Disease                        | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>  |                            |                                     |  |
| Kharif Maize  | Sowing                     |                                     | <ul style="list-style-type: none"><li>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</li><li>Hold sowing till heavy rain subside</li></ul>   |
| Jhum rice   | Leaf elongation/ tillering | Leaf blast/ leaf spot               | <ul style="list-style-type: none"><li>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast &amp; leaf spot.</li></ul>  |
| Rice  | Leaf Elongation/ Tillering | Stem borer                          | <ul style="list-style-type: none"><li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>  |
| WRC-RICE (Normal sown)  | Nursery                    |                                     | <ul style="list-style-type: none"><li>Sowing of quality seeds in prepared nursery</li><li>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</li><li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Maize   | Pod formation              | Soybean looper                      | <ul style="list-style-type: none"><li>Provide proper drainage</li><li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit</li><li>Monitor the crop against attack of insect pests,</li></ul>  |
| Pea   | Seed development           | Powdery mildew/ leaf eating insects | <ul style="list-style-type: none"><li>Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.</li></ul>   |
| <b>VEGETABLES</b>   |                            |                                     |  |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering      | Leaf Curl                           | <ul style="list-style-type: none"><li>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>  |
| Sponge, bitter, ash & ridge gourd, pumpkin, cucumber  | Vegetative/ Fruiting       | Fruit fly                           | <ul style="list-style-type: none"><li>Use traps to capture adult fruit fly,</li><li>Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>  |
| <b>HORTICULTURAL CROPS</b>  |                            |                                     |  |
| Guava   | Flowering                  |                                     | <ul style="list-style-type: none"><li>Avoid water logging in the basin,</li><li>Basin cleaning in half moon system is advised,</li></ul>   |
| Ginger/ Turmeric  | Vegetative                 |                                     | <ul style="list-style-type: none"><li>Proper drainage to avoid water stagnation</li></ul>  |
| Citrus  | Flowering/ Seedling        | Phytophthora                        | <ul style="list-style-type: none"><li>Right time for seedling-follow half moon terraces with spacing of 5 meter.</li><li>During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.</li></ul>           |
| <b>LIVESTOCKS</b>   |                            |                                     |  |
| Livestock   | Stage                      | Disease                             | ❖ Precautionary Practices to be followed   |
| Pigs  | All stages                 |                                     | <ul style="list-style-type: none"><li>Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>  |
| Fishery   |                            |                                     | <ul style="list-style-type: none"><li>To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.</li></ul>   |
| Poultry   | All stages                 |                                     | <ul style="list-style-type: none"><li>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</li></ul>   |
| Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247  |                            |                                     |  |





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**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

| Weather summery of the previous week                    | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|---|--|
| Rainfall (Roing): 11.2 mm (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 19-21°C respectively. Expected morning and evening relative humidity will be 98-100% and 80-89% respectively. Wind direction is mainly E with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                               |                       |   |
|---|-------------------------------|-----------------------|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                               |                       |   |
| Crop  | Stage                         | Pest/Disease          | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>  |                               |                       |   |
| WRC-RICE<br>(Normal sown)   | Nursery                       |                       | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery</li><li>❖ <b>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</b></li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Kharif Maize  | Sowing                        |                       | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ Hold sowing till heavy rainfall subside</li></ul>   |
| Rice  | Leaf Elongation/<br>Tillering | Stem borer            | <ul style="list-style-type: none"><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>   |
| Jhum rice   | Rooting/ Leaf elongation      | Leaf blast/ leaf spot | <ul style="list-style-type: none"><li>• <b>On clear/sunny days, spray carbendazim @2g/lit water in jhum field to control heavy infestation of leaf blast &amp; leaf spot.</b></li></ul>   |
| Maize   | Pod formation                 | Soybean looper        | <ul style="list-style-type: none"><li>❖ <b>Spray Azadirachtin 0.15% EC 2@ 6ml/lit during clear/dry days</b></li></ul>   |
| <b>VEGETABLES</b>   |                               |                       |   |
| Chilli/ tomato/ brinjal   | Vegetative/<br>Flowering      | Leaf Curl             | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>  |
| Sponge, bitter, ash & ridge gourd, pumpkin, cucumber  | Vegetative/<br>Fruiting       | Fruit fly             | <ul style="list-style-type: none"><li>❖ Use traps to capture adult fruit fly,</li><li>❖ Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>   |
| French Bean, black gram, green gram.  | Vegetative/<br>Fruiting       | Bean borer            | <ul style="list-style-type: none"><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>  |
| <b>HORTICULTURAL CROPS</b>  |                               |                       |   |
| Banana  | All stages                    | Scary beetles         | <ul style="list-style-type: none"><li>❖ Earthing up followed by fertilizer application</li><li>❖ Apply Malathion dust 5D inside the whorl of the plant,</li><li>❖ Planting of new saplings may be done in present weather</li></ul>   |
| Guava   | Flowering                     |                       | <ul style="list-style-type: none"><li>❖ Avoid water logging in the basin,</li><li>❖ Basin cleaning in half moon system is advised,</li></ul>  |
| Large cardamom  | Sowing                        |                       | <ul style="list-style-type: none"><li>❖ Sowing in primary nursery bed at 2cm depth &amp; 10cm apart with mulching &amp; regular irrigation.</li><li>❖ Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.</li></ul>   |
| <b>LIVESTOCKS</b>   |                               |                       |   |
| Livestock   | Stage                         | Disease               | ❖ Precautionary Practices to be followed  |
| Pigs  | All stages                    |                       | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry   | All stages                    |                       | <ul style="list-style-type: none"><li>❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</li></ul>  |
| Goat  | All stages                    |                       | <ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>   |
| Cattle  | All stages                    | FMD                   | <ul style="list-style-type: none"><li>❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.</li></ul>  |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                               |                       |   |



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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|--------------------------------------|---|
| NA                                   | Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 20-22°C respectively. Expected morning and evening relative humidity will be 96-97% and 68-72% respectively. Wind direction is mainly SE & SSE with average wind speed range of 2 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                                      |  |  |
|---|--------------------------------------|--|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                      |  |  |
| Crop  | Stage                                | Pest/Disease                                   | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>  |                                      |  |  |
| WRC-RICE<br>(Mipun)   | Nursery                              |  | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery,</li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul>   |
| Jhum rice   | Leaf elongation                      | Leaf blast/<br>leaf spot/<br>Yellow stem borer | <ul style="list-style-type: none"><li>• <b>On clear/sunny days, spray carbendazim @2g/lit water in jhum field to control infestation of leaf blast &amp; leaf spot.</b></li><li>• Collection of egg masses (Yellow cottony mass) is advised.</li></ul>                                       |
| Rice  | Transplantation<br>/ leaf elongation | Stem borer                                     | <ul style="list-style-type: none"><li>• <b>Right time for transplantation</b></li><li>• Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul> |
| Maize   | Fruiting/<br>Mature                  | Stem borer<br>Rat                              | <ul style="list-style-type: none"><li>❖ Harvest of mature cobs during clear/dry days.</li><li>❖ To protect the cobs from rat use of locally available traps is advised,</li></ul>  |
| <b>VEGETABLES</b>   |                                      |  |  |
| Chilli/ tomato/<br>brinjal  | Vegetative/<br>Flowering             | Leaf Curl                                      | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>  |
| French Bean,<br>black gram,<br>green gram.  | Vegetative/<br>Fruiting              | Bean borer                                     | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>              |
| <b>HORTICULTURAL CROPS</b>  |                                      |  |  |
| Apple   | Fruiting                             | Fruit drop /<br>wooly aphids                   | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>   |
| Kiwi  | Flowering/fruitin<br>g               | Leaf eating<br>beetle                          | <ul style="list-style-type: none"><li>❖ Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.</li><li>❖ Hand collection of the insects and its destruction,</li><li>❖ Make proper drainage facility in the crop area</li></ul>             |
| Citrus  | Flowering                            | Fruit drop/<br>Phytophthora                    | <ul style="list-style-type: none"><li>• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>   |
| <b>LIVESTOCKS</b>   |                                      |  |  |
| Livestock   | Stage                                | Disease  | ❖ Precautionary Practices to be followed   |
| Pigs  | All stages                           |  | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>  |
| Poultry   | All stages                           |  | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>  |
| Cattle  | All stages                           | FMD  | <ul style="list-style-type: none"><li>❖ <b>Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.</b></li></ul>  |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                      |  |  |



कृषि मौसम सलाहकार सेवा पत्रिका  
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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: PAPUM PARE**

| Weather summery of the previous week  | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|---|--|
| Rainfall: 139.9 mm; T. Max: 35.0°C; T. Min: 23.0°C ; RH: 65-98% (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of rather heavy to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 29-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 97-100% and 74-89% respectively. Wind direction is mainly ESE & ENE with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li><b>Suspend all spray operations</b></li><li><b>Do not go for fertilizer/manure applications</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                            |                       |   |
|--|----------------------------|-----------------------|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                            |                       |   |
| Crop   | Stage                      | Pest/Disease          | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>   |                            |                       |   |
| <i>WRC-RICE</i><br>(Normal sown)   | Nursery                    |                       | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery</li><li>❖ <b>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</b></li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Kharif Maize   | Sowing                     |                       | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ Avoid sowing in current weather till heavy rainfall subside</li></ul>   |
| <i>Jhum</i> rice   | Leaf elongation/ tillering | Leaf blast/ leaf spot | <ul style="list-style-type: none"><li>• <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast &amp; leaf spot.</b></li></ul>  |
| Rice (Early sown)  | Leaf Elongation/ Tillering | Stem borer            | <ul style="list-style-type: none"><li>• During clear/dry weather or using proper sticker, spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>   |
| <b>VEGETABLES</b>  |                            |                       |   |
| Chilli/ tomato/ brinjal  | Vegetative/ Flowering      | Leaf Curl             | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>  |
| Sponge, bitter, ash & ridge gourd, pumpkin, cucumber   | Vegetative/ Fruiting       | Fruit fly             | <ul style="list-style-type: none"><li>❖ Use traps to capture adult fruit fly,</li><li>❖ Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>   |
| French Bean, black gram, green gram.   | Vegetative/ Fruiting       | Bean borer            | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>                                 |
| <b>HORTICULTURAL CROPS</b>   |                            |                       |   |
| Banana   | All stages                 | Scary beetles         | <ul style="list-style-type: none"><li>❖ <b>Earthing up followed by fertilizer application</b></li><li>❖ Apply Malathion dust 5D inside the whorl of the plant,</li><li>❖ Planting of new saplings may be done in present weather</li></ul>  |
| Citrus   | Flowering/ Seedling        | Phytophthora          | <ul style="list-style-type: none"><li>• <b>Right time for seedling-follow half moon terraces with spacing of 5 meter.</b></li><li>• During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.</li></ul>             |
| Guava  | Flowering                  |                       | <ul style="list-style-type: none"><li>❖ <b>Avoid water logging in the basin,</b></li><li>❖ <b>Basin cleaning in half moon system is advised,</b></li></ul>  |
| <b>LIVESTOCKS</b>  |                            |                       |   |
| Livestock  | Stage                      | Disease               | ❖ Precautionary Practices to be followed  |
| Pigs   | All stages                 |                       | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry  | All stages                 |                       | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                            |                       |   |



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: TAWANG**

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|--------------------------------------|--|
| Rainfall: NA                         | <b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b><br>Daily maximum and minimum temperature for the following period is predicted to be 16-17°C and 07-08°C respectively. Expected morning and evening relative humidity will be 84-90% and 58-61% respectively. Wind direction is mainly SW & NNW with average wind speed range of 2-4 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                                   |  |  |
|---|-----------------------------------|--|--|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                   |  |  |
| Crop  | Stage                             | Pest/Disease                             | Precautionary Practices to be followed   |
| <b>FIELD CROPS</b>  |                                   |  |  |
| Jhum rice   | Leaf elongation/ tillering        | Leaf blast/ leaf spot/ Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>                                |
| Rice  | Transplantation / leaf elongation | Stem borer                               | <ul style="list-style-type: none"><li>❖ <b>Right time for transplantation</b></li><li>❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul> |
| Maize   | Fruiting/ Mature                  | Stem borer Rat                           | <ul style="list-style-type: none"><li>❖ Harvest of mature cobs during clear/dry days.</li><li>❖ To protect the cobs from rat use of locally available traps is advised,</li></ul>  |
| <b>VEGETABLES</b>   |                                   |  |  |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering             | Leaf Curl                                | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>  |
| French Bean, black gram, green gram.  | Vegetative/ Fruiting              | Bean borer                               | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>              |
| <b>HORTICULTURAL CROPS</b>  |                                   |  |  |
| Apple   | Fruiting                          | Fruit drop / wooly aphids                | <ul style="list-style-type: none"><li>❖ Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</li></ul>  |
| Kiwi  | Flowering                         | Leaf eating beetle                       | <ul style="list-style-type: none"><li>❖ Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.</li><li>❖ Hand collection of the insects and its destruction,</li><li>❖ Make proper drainage facility in the crop area</li></ul>             |
| Peach   | Fruit maturing                    | Fruit Fly                                | <ul style="list-style-type: none"><li>❖ Install fruit fly pheromone traps,</li><li>❖ Collect and dispose off the fallen fruits.</li><li>❖ Clean basin,</li></ul>   |
| Citrus  | Flowering                         | Fruit drop/ Phytophthora                 | <ul style="list-style-type: none"><li>• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>   |
| <b>LIVESTOCKS</b>   |                                   |  |  |
| Livestock   | Stage                             | Disease                                  | ❖ Precautionary Practices to be followed   |
| Pigs  | All stages                        |  | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>  |
| Poultry   | All stages                        |  | <ul style="list-style-type: none"><li>❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</li></ul>   |
| Yak   | All stages                        |  | <ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended.</li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                   |  |  |





कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
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**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: TIRAP**

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|--------------------------------------|--|
| Rainfall: NA                         | <b>Mostly cloudy with possibility of moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 29-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 99-100% and 56-84% respectively. Wind direction is mainly variable with average wind speed range of 2 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b> <ul style="list-style-type: none"><li><b>Manual weeding recommended during dry days</b></li><li><b>Check for schedule vaccination of livestock/poultry</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                               |   |   |
|--|-------------------------------|---|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                               |   |   |
| Crop   | Stage                         | Pest/Disease                                | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>   |                               |   |   |
| <i>WRC-RICE</i><br>(Normal sown)   | Nursery                       |   | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery</li><li>❖ <b>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</b></li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Kharif Maize   | Sowing                        |   | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ <b>Avoid sowing under current weather till rainfall subside</b></li></ul>   |
| Rice   | Leaf Elongation/<br>Tillering | Stem borer                                  | <ul style="list-style-type: none"><li>• <b>Rice: Weed free &amp; clean nursery periphery to prevent disease/pest harboring.</b></li><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>   |
| Maize  | Pod formation                 | Soybean looper                              | <ul style="list-style-type: none"><li>❖ <b>Provide proper drainage</b></li><li>❖ <b>Spray Azadirachtin 0.15% EC 2@ 6ml/lit</b></li></ul>  |
| <i>Jhum</i> rice   | Leaf elongation/<br>tillering | Leaf blast/ leaf spot/<br>Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>   |
| <b>VEGETABLES</b>  |                               |   |   |
| Chilli/ tomato/<br>brinjal   | Vegetative/<br>Flowering      | Leaf Curl                                   | <ul style="list-style-type: none"><li>❖ <b>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</b></li></ul>  |
| French Bean,<br>black gram,<br>green gram.   | Vegetative/<br>Fruiting       | Bean borer                                  | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>                                 |
| Sponge, bitter,<br>ash & ridge<br>gourd, pumpkin,<br>cucumber  | Vegetative/<br>Fruiting       | Fruit fly                                   | <ul style="list-style-type: none"><li>❖ Use traps to capture adult fruit fly,</li><li>❖ Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>   |
| <b>HORTICULTURAL CROPS</b>   |                               |   |   |
| Citrus   | Flowering/<br>Seedling        | Phytophthora                                | <ul style="list-style-type: none"><li>• <b>Right time for seedling-follow half moon terraces with spacing of 5 meter.</b></li><li>• During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.</li></ul>             |
| Banana   | All stages                    | Scary beetles                               | <ul style="list-style-type: none"><li>❖ <b>Earthing up followed by fertilizer application</b></li><li>❖ Apply Malathion dust 5D inside the whorl of the plant,</li></ul>  |
| Guava  | Flowering                     |   | <ul style="list-style-type: none"><li>❖ <b>Avoid water logging in the basin,</b></li><li>❖ <b>Basin cleaning in half moon system is advised,</b></li></ul>  |
| <b>LIVESTOCKS</b>  |                               |   |   |
| Livestock  | Stage                         | Disease                                     | ❖ Precautionary Practices to be followed  |
| Pigs   | All stages                    |   | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry  | All stages                    |   | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                               |   |   |





कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

No: AMFU-Basar/2018/49

Dated: Tue, 19<sup>th</sup> June, 2018



Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: UPPER SIANG

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|--------------------------------------|--|
| Rainfall: NA                         | Mostly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 16-17°C respectively. Expected morning and evening relative humidity will be 95-96% and 74-78% respectively. Wind direction is mainly SE & SSE with average wind speed range of 2-3 kmph. |
| Warning:                             | <ul style="list-style-type: none"><li>Nil</li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b><br>On anticipation of heavy rainfall: <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                            |   |   |
|--|----------------------------|---|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                            |   |   |
| Crop   | Stage                      | Pest/Disease                                | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>   |                            |   |   |
| Maize  | Fruiting/<br>Mature        | Rat   | <ul style="list-style-type: none"><li>Harvest of mature cobs during clear/dry days.</li><li>To protect the cobs from rat use of locally available traps is advised,</li></ul>   |
| WRC-RICE<br>(Mipun)  | Nursery                    |   | <ul style="list-style-type: none"><li>Sowing of quality seeds in prepared nursery,</li><li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul>  |
| Rice (Normal sown)   | Leaf elongation            | Stem borer                                  | <ul style="list-style-type: none"><li>On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff</li></ul>  |
| Jhum rice  | Leaf elongation            | Leaf blast/ leaf spot/<br>Yellow stem borer | <ul style="list-style-type: none"><li>On clear/sunny days, spray carbendazim @2g/lit water in jhum field to control infestation of leaf blast &amp; leaf spot.</li></ul>  |
| <b>VEGETABLES</b>  |                            |   |   |
| Chilli/ tomato/<br>brinjal   | Vegetative/<br>Flowering   | Leaf Curl                                   | <ul style="list-style-type: none"><li>Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>   |
| French Bean,<br>black gram,<br>green gram.   | Vegetative/<br>Fruiting    | Bean borer                                  | <ul style="list-style-type: none"><li>Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul> |
| <b>HORTICULTURAL CROPS</b>   |                            |   |   |
| Apple  | Fruiting                   | Fruit drop /<br>wooly aphids                | <ul style="list-style-type: none"><li>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</li></ul>   |
| Citrus   | Flowering                  | Fruit drop/<br>Phytophthora                 | <ul style="list-style-type: none"><li>Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| Peach  | Fruit maturing             | Fruit Fly                                   | <ul style="list-style-type: none"><li>Install fruit fly pheromone traps,</li><li>Collect and dispose off the fallen fruits.</li><li>Clean basin,</li></ul>  |
| Kiwi   | Flowering                  | Leaf eating<br>beetle                       | <ul style="list-style-type: none"><li>Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.</li><li>Hand collection of the insects and its destruction,</li></ul>   |
| Large cardamom   | Germination/veg<br>etative |   | <ul style="list-style-type: none"><li>Provide proper drainage and avoid stagnation of water</li></ul>   |
| <b>LIVESTOCKS</b>  |                            |   |   |
| Livestock  | Stage                      | Disease                                     | ❖ Precautionary Practices to be followed  |
| Pigs   | All stages                 |   | <ul style="list-style-type: none"><li>Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry  | All stages                 |   | <ul style="list-style-type: none"><li>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</li></ul>  |
| Fishery  |                            |   | <ul style="list-style-type: none"><li>To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.</li><li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.</li></ul>        |
| Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247   |                            |   |   |



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
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No: AMFU-Basar/2018/49

Dated: Tue, 19<sup>th</sup> June, 2018



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

| Weather summery of the previous week | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|--------------------------------------|--|
| Daporijo: NA                         | <b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b><br>Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 20-22°C respectively. Expected morning and evening relative humidity will be 94-96% and 68-80% respectively. Wind direction is mainly ESE & SE with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>                      | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                                   |                           |   |
|---|-----------------------------------|---------------------------|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                                   |                           |   |
| Crop  | Stage                             | Pest/Disease              | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>  |                                   |                           |   |
| WRC-RICE<br>(Mipun)   | Nursery                           |                           | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery,</li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul>  |
| Kharif Maize  | Sowing                            |                           | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ Avoid sowing till rain subside</li></ul>  |
| Toria/ Mustard  | Harvesting                        | Aphids                    | <ul style="list-style-type: none"><li>❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.</li></ul>   |
| Jhum rice   | Leaf elongation/<br>tillering     | Leaf blast/ leaf spot     | <ul style="list-style-type: none"><li>• <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast &amp; leaf spot.</b></li></ul>  |
| Rice (early sown)   | Transplantation / leaf elongation | Stem borer                | <ul style="list-style-type: none"><li>• <b>Complete transplantations</b></li><li>• Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul>                                       |
| <b>VEGETABLES</b>   |                                   |                           |   |
| Chilli/ tomato/ brinjal   | Vegetative/ Flowering             | Leaf Curl                 | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>   |
| Cucurbits   | Flowering/ Fruiting               | Leaf eating insects       | <ul style="list-style-type: none"><li>❖ Monitor for possible attack of insect/pests</li><li>❖ During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects.</li><li>❖ Cover the base of crop with locally available mulches to avoid exposure to erosion..</li></ul> |
| <b>HORTICULTURAL CROPS</b>  |                                   |                           |   |
| Apple   | Fruiting                          | Fruit drop / wooly aphids | <ul style="list-style-type: none"><li>❖ <b>Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</b></li></ul>  |
| Citrus  | Flowering                         | Fruit drop/ Phytophthora  | <ul style="list-style-type: none"><li>• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| Peach   | Fruit maturing                    | Fruit Fly                 | <ul style="list-style-type: none"><li>❖ Install fruit fly pheromone traps,</li><li>❖ Collect and dispose off the fallen fruits.</li><li>❖ Clean basin,</li></ul>  |
| <b>LIVESTOCKS</b>   |                                   |                           |   |
| Livestock   | Stage                             | Disease                   | ❖ Precautionary Practices to be followed  |
| Pigs  | All stages                        |                           | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry   | All stages                        |                           | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                                   |                           |   |



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: WEST KAMENG**

| Weather summery of the previous week  | Weather forecast valid up to 24 <sup>th</sup> June 2018   |
|---|---|
| Rainfall = Bomdila: NA ; Bhalukpong: 102.9 mm; Kalaktang: 38.0 mm (Up to 15 <sup>th</sup> June) | <b>Mostly cloudy with possibility of moderate to rather heavy rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 16-17°C respectively. Expected morning and evening relative humidity will be 97-99% and 68-78% respectively. Wind direction is mainly S & SW with average wind speed range of 2 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>  |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li><b>Suspend all spray operations</b></li><li><b>Do not go for fertilizer/manure applications</b></li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul> |                                   |  |   |
|--|-----------------------------------|--|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>  |                                   |  |   |
| Crop   | Stage                             | Pest/Disease                             | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>   |                                   |  |   |
| <i>Jhum</i> rice   | Leaf elongation/ tillering        | Leaf blast/ leaf spot/ Yellow stem borer | <ul style="list-style-type: none"><li>❖ <b>On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control infestation of leaf blast &amp; leaf spot.</b></li><li>❖ Collection of egg masses (Yellow cottony mass) is advised.</li></ul>   |
| Rice   | Transplantation / leaf elongation | Stem borer                               | <ul style="list-style-type: none"><li>❖ <b>Right time for transplantation</b></li><li>❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.</li></ul>                                  |
| Maize  | Fruiting/ Mature                  | Stem borer Rat                           | <ul style="list-style-type: none"><li>❖ <b>Harvest of mature cobs during clear/dry days.</b></li><li>❖ <b>To protect the cobs from rat use of locally available traps is advised,</b></li></ul>   |
| <b>VEGETABLES</b>  |                                   |  |   |
| Chilli/ tomato/ brinjal  | Vegetative/ Flowering             | Leaf Curl                                | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>   |
| Cucurbits  | Flowering/ Fruiting               | Leaf eating insects                      | <ul style="list-style-type: none"><li>❖ Monitor for possible attack of insect/pests</li><li>❖ During clear dry days or using stickers, foliar spray of Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects.</li><li>❖ Cover the base of crop with locally available mulches to avoid exposure to erosion,.</li></ul> |
| <b>HORTICULTURAL CROPS</b>   |                                   |  |   |
| Apple  | Fruiting                          | Fruit drop / wooly aphids                | <ul style="list-style-type: none"><li>❖ Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</li></ul>   |
| Citrus   | Flowering                         | Fruit drop/ Phytophthora                 | <ul style="list-style-type: none"><li>❖ Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| Peach  | Fruit maturing                    | Fruit Fly                                | <ul style="list-style-type: none"><li>❖ Install fruit fly pheromone traps,</li><li>❖ Collect and dispose off the fallen fruits.</li><li>❖ Clean basin,</li></ul>  |
| <b>LIVESTOCKS</b>  |                                   |  |   |
| Livestock  | Stage                             | Disease                                  | Precautionary Practices to be followed  |
| Pigs   | All stages                        |  | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry  | All stages                        |  | <ul style="list-style-type: none"><li>❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</li></ul>  |
| Yak  | All stages                        |  | <ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended.</li></ul>  |
| Mithun   |                                   | FMD                                      | <ul style="list-style-type: none"><li>❖ Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.</li><li>❖ Pregnant animals above 7 months of pregnancy should be avoided.</li></ul>   |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>  |                                   |  |   |



कृषि मौसम सलाहकार सेवा पत्रिका  
**Agro-met Advisory Bulletin**  
(Period: 20<sup>th</sup> to 24<sup>th</sup> June, 2018)

**No: AMFU-Basar/2018/49**

**Dated: Tue, 19<sup>th</sup> June, 2018**



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: WEST SIANG**

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

| Weather summery of the previous week  | Weather forecast valid up to 24 <sup>th</sup> June 2018  |
|---|--|
| Rainfall: 63.6 mm, Max. T: 28.0°C, Min. T: 19.7°C, Wind Speed: 3-6 km/h, RH: 70-92%, Wind Direction: WS & WNW | <b>Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 20-22°C respectively. Expected morning and evening relative humidity will be 92-95% and 67-78% respectively. Wind direction is mainly E & SE with average wind speed range of 2-3 kmph. |
| <b>Warning:</b>   | <ul style="list-style-type: none"><li><b>Nil</b></li></ul>   |

| <b>GENERAL RECOMMENDATIONS</b><br><b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul> |                               |                              |   |
|---|-------------------------------|------------------------------|---|
| <b>DETAILS OF ADVISORIES FOR THE PERIOD</b>   |                               |                              |   |
| Crop  | Stage                         | Pest/Disease                 | Precautionary Practices to be followed  |
| <b>FIELD CROPS</b>  |                               |                              |   |
| Kharif Maize  | Sowing                        |                              | <ul style="list-style-type: none"><li>❖ Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</li><li>❖ Avoid sowing under current weather condition till rain subside</li></ul>   |
| WRC-RICE<br>(Normal sown)   | Nursery                       |                              | <ul style="list-style-type: none"><li>❖ Sowing of quality seeds in prepared nursery</li><li>❖ <b>Recommended varieties: Amham, Vandana, RCM-7,10,11, CAUR-1, Ranjit</b></li><li>❖ Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li></ul> |
| Kharif Maize  | Sowing                        |                              | <ul style="list-style-type: none"><li>❖ <b>Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency</b></li><li>❖ Ensure seed treatment with carbendazim/Thiram @2g/kg seeds.</li><li>❖ Avoid sowing during rain</li></ul>  |
| Rice (Early sown)   | Leaf Elongation/<br>Tillering | Stem borer                   | <ul style="list-style-type: none"><li>❖ Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>   |
| Jhum rice   | Leaf elongation/<br>tillering | Leaf blast/ leaf spot        | <ul style="list-style-type: none"><li>❖ On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast &amp; leaf spot.</li></ul>   |
| <b>VEGETABLES</b>   |                               |                              |   |
| Chilli/ tomato/<br>brinjal  | Vegetative/<br>Flowering      | Leaf Curl                    | <ul style="list-style-type: none"><li>❖ Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade</li></ul>   |
| French Bean,<br>black gram,<br>green gram.  | Vegetative/<br>Fruiting       | Bean borer                   | <ul style="list-style-type: none"><li>❖ Because of heavy rainfall the exposed roots portion of the plant should be earthened up,</li><li>❖ Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,</li></ul>                                 |
| Sponge, bitter,<br>ash & ridge<br>gourd, pumpkin,<br>cucumber   | Vegetative/<br>Fruiting       | Fruit fly                    | <ul style="list-style-type: none"><li>❖ Use traps to capture adult fruit fly,</li><li>❖ Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant,</li></ul>   |
| <b>HORTICULTURAL CROPS</b>  |                               |                              |   |
| Apple   | Fruiting                      | Fruit drop /<br>wooly aphids | <ul style="list-style-type: none"><li>❖ Application of paradichlorobenzene at 2 meter away from the trunk is advised against wooly aphids during clear/dry days</li></ul>   |
| Citrus  | Flowering                     | Fruit drop/<br>Phytophthora  | <ul style="list-style-type: none"><li>• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.</li></ul>  |
| Guava   | Flowering                     |                              | <ul style="list-style-type: none"><li>❖ Avoid water logging in the basin,</li></ul>   |
| Kiwi  | Flowering                     | Leaf eating<br>beetle        | <ul style="list-style-type: none"><li>❖ Hand collection of the insects and its destruction,</li><li>❖ Make proper drainage facility in the crop area</li></ul>  |
| <b>LIVESTOCKS</b>   |                               |                              |   |
| Livestock   | Stage                         | Disease                      | Precautionary Practices to be followed  |
| Pigs  | All stages                    |                              | <ul style="list-style-type: none"><li>❖ Avoid dampness and cover weak and sick animals with sack cloth.</li></ul>   |
| Poultry   | All stages                    |                              | <ul style="list-style-type: none"><li>❖ <b>Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.</b></li></ul>   |
| Fishery   |                               |                              | <ul style="list-style-type: none"><li>❖ To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.</li></ul>  |
| <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>   |                               |                              |   |