



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 11th to 15th August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10th August, 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 15 th August 2018 |
|--------------------------------------|---|
| No weather summary available | Mostly cloudy with possibility of heavy to very heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 17-18°C respectively. Expected morning and evening relative humidity will be 98-99% and 65-72% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|---------------------------------|---|--|
| On anticipation of heavy rainfall: | | | |
| <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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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 15 th August 2018 |
|---------------------------------------|--|
| Rainfall = Changlang: NA Miao: 3.6 mm | Partly/Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-35°C and 25-26°C respectively. Expected morning and evening relative humidity will be 99-100% and 72-90% respectively. Wind direction is mainly ESE & S with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|---------------------------------|---|--|
| On anticipation of heavy rainfall: <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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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 summary of the previous week | Weather forecast valid up to 15 th August 2018 |
|--------------------------------------|---|
| Rainfall = 0.0 mm (Anini) | Partly/Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 17-18°C respectively. Expected morning and evening relative humidity will be 96-97% and 63-75% respectively. Wind direction is mainly SE & ESE with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occur at isolated places over Arunachal Pradesh on 10th, 11th, 12th August 2018 |

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|------------------------------------|---|---|
| FIELD CROPS | | | |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Banana | All stages | | <ul style="list-style-type: none">❖ Removal of dried leaves,❖ In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent,❖ Periodical removal of side suckers by cutting above the ground level❖ Basin cleaning, |
| Ginger/turmeric | Vegetative stage | Soft Rot | <ul style="list-style-type: none">❖ Apply basal dose of fertilizers followed by earthing up.❖ For management of soft rot in ginger: Need based drenching of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Chickens | All stages | | <ul style="list-style-type: none">❖ Vaccination of chicks (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in Vet Supervision, |
| Pig | Pigs/ Piglets | | <ul style="list-style-type: none">❖ Wallowing – Allow animals of spend time in muddy water,❖ Regular monitoring against skin infection❖ In present weather conditions provide adequate clean water to the animals throughout the day,❖ Provide dry bedding materials to young piglets, |
| 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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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 15 th August 2018 |
|--------------------------------------|---|
| Rainfall = 24.2 mm | Mostly cloudy with possibility of heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 22°C respectively. Expected morning and evening relative humidity will be 97-99% and 63-76% respectively. Wind direction is mainly SE & S with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|------------------------------------|---|--|
| FIELD CROPS | | | |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Banana | All stages | | <ul style="list-style-type: none">❖ Removal of dried leaves,❖ In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent,❖ Periodical removal of side suckers by cutting above the ground level❖ Basin cleaning, |
| Ginger/turmeric | Vegetative stage | Soft Rot | <ul style="list-style-type: none">❖ Apply basal dose of fertilizers followed by earthing up.❖ For management of soft rot in ginger: Need based drenching of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Chickens | All stages | | <ul style="list-style-type: none">❖ Vaccination of chicks (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in Vet Supervision, |
| Pig | Pigs/ Piglets | | <ul style="list-style-type: none">❖ Wallowing – Allow animals of spend time in muddy water,❖ Regular monitoring against skin infection❖ In present weather conditions provide adequate clean water to the animals throughout the day,❖ Provide dry bedding materials to young piglets, |
| 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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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 15 th August 2018 |
|---|--|
| Rainfall: 0.0 mm; T. Max: 37.0°C; T. Min: 24.0°C ; RH: 66-86% | Partly/mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 94-98% and 61-87% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|--------------------------------------|---|---|
| FIELD CROPS | | | |
| Rice (Normal) | Leaf Elongation/ Active tillering | Blast | ❖ Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Rice (WRC) Early sown | Booting & grain filling | Gundhi bug/ stem borer/ gall midge/ hoppers | ❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug. ❖ Install YSB specific pheromone traps ❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. ❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | ❖ Collect the adult insects by installing light traps. |
| Soybean | Vegetative | | ❖ Harvest mature crops immediately during clear/dry days |
| Black/green gram | Harvesting | | ❖ Stage wise harvesting of black/green gram |
| Sesamum | Vegetative | | ❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised. ❖ Light interculture operations is advised, |
| VEGETABLES | | | |
| Chilli | Mature | | ❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | ❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | ❖ Removal of water shoots, ❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, ❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Pineapple | Vegetative | | ❖ Remove excess suckers & slips to maintain the health of plants |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pig | Pigs/ Piglets | | ❖ Wallowing – Allow animals of spend time in muddy water, ❖ Regular monitoring against skin infection ❖ In present weather conditions provide adequate clean water to the animals throughout the day, ❖ Provide dry bedding materials to young piglets, |
| Goat/Sheep | All | | ❖ Regular monitoring against skin infection ❖ Shearing - Cut the fur of sheep at regular interval, |
| 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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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 15 th August 2018 |
|--------------------------------------|---|
| Rainfall (Koloriang): 0.0 mm | Mostly cloudy with possibility rather heavy to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 17-18°C respectively. Expected morning and evening relative humidity will be 94-96% and 58-77% respectively. Wind direction is mainly SSE with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|------------------------------------|--|--|
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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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 15 th August 2018 |
|--------------------------------------|--|
| Rainfall: 31.6 mm (Tezu) | Partly/Mostly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 22°C respectively. Expected morning and evening relative humidity will be 96-100% and 64-75% respectively. Wind direction is mainly ENE & NE with average wind speed range of 2-5 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|--------------------------------------|---|---|
| On anticipation of heavy rainfall: | | | |
| <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (Normal) | Leaf Elongation/ Active tillering | Blast | ❖ Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12% WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Rice (WRC) Early sown | Booting & grain filling | Gundhi bug/ stem borer/ gall midge/ hoppers | ❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug. ❖ Install YSB specific pheromone traps ❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. ❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | ❖ Collect the adult insects by installing light traps. ❖ Harvest mature crops immediately during clear/dry days ❖ Stage wise harvesting of black/green gram ❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised. ❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | ❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | ❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | ❖ Removal of water shoots, ❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, ❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Pineapple | Vegetative | | ❖ Remove excess suckers & slips to maintain the health of plants |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pig | Pigs/ Piglets | | ❖ Wallowing – Allow animals of spend time in muddy water, ❖ Regular monitoring against skin infection ❖ In present weather conditions provide adequate clean water to the animals throughout the day, ❖ Provide dry bedding materials to young piglets, |
| Goat/Sheep | All | | ❖ Regular monitoring against skin infection ❖ Shearing - Cut the fur of sheep at regular interval, |
| Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247 | | | |



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh



(Period: 11th to 15th August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10th August, 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 15 th August 2018 |
|--------------------------------------|--|
| Rainfall (Roing): 14.2 mm | Partly/Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 32-35°C and 22-23°C respectively. Expected morning and evening relative humidity will be 97-100% and 63-78% respectively. Wind direction is mainly ENE with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| | | | |
|---|--------------------------------------|---|---|
| GENERAL RECOMMENDATIONS On anticipation of heavy rainfall: <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (Normal) | Leaf Elongation/ Active tillering | Blast | ❖ Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12% WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Rice (WRC) Early sown | Booting & grain filling | Gundhi bug/ stem borer/ gall midge/ hoppers | ❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug. ❖ Install YSB specific pheromone traps ❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. ❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | ❖ Collect the adult insects by installing light traps. ❖ Harvest mature crops immediately during clear/dry days ❖ Stage wise harvesting of black/green gram ❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised. ❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | ❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | ❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | ❖ Removal of water shoots, ❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard, ❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Pineapple | Vegetative | | ❖ Remove excess suckers & slips to maintain the health of plants |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pig | Pigs/ Piglets | | ❖ Wallowing – Allow animals of spend time in muddy water, ❖ Regular monitoring against skin infection ❖ In present weather conditions provide adequate clean water to the animals throughout the day, ❖ Provide dry bedding materials to young piglets, |
| Goat/Sheep | All | | ❖ Regular monitoring against skin infection ❖ Shearing - Cut the fur of sheep at regular interval, |
| 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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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 15 th August 2018 |
|--------------------------------------|---|
| NA | Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 22°C respectively. Expected morning and evening relative humidity will be 99-100% and 68-89% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| | | | |
|---|---------------------------------|---|--|
| GENERAL RECOMMENDATIONS On anticipation of heavy rainfall: <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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Dated: Fri, 10th August, 2018



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 15 th August 2018 |
|--|---|
| Rainfall: 37.6 mm; T. Max: 38.0°C; T. Min: 23.0°C ; RH: 73-95% | Mostly cloudy with possibility of rather heavy to very rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 96-99% and 76-83% respectively. Wind direction is mainly SE & ESE with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|------------------------------------|---|--|
| On anticipation of heavy rainfall: | | | |
| <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Banana | All stages | | <ul style="list-style-type: none">❖ Removal of dried leaves,❖ In crops infested with Sigatoka leaf spots, spraying of 0.1% Propiconazol (e.g. Tilt) by adding a wetting agent,❖ Periodical removal of side suckers by cutting above the ground level❖ Basin cleaning, |
| Ginger/turmeric | Vegetative stage | Soft Rot | <ul style="list-style-type: none">❖ Apply basal dose of fertilizers followed by earthing up.❖ For management of soft rot in ginger: Need based drenching of Metalaxyl-8% + Mancozeb 64% WP @ 2.5 g per lit of water. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Chickens | All stages | | <ul style="list-style-type: none">❖ Vaccination of chicks (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in Vet Supervision, |
| Pig | Pigs/ Piglets | | <ul style="list-style-type: none">❖ Walloing – Allow animals of spend time in muddy water,❖ Regular monitoring against skin infection❖ In present weather conditions provide adequate clean water to the animals throughout the day,❖ Provide dry bedding materials to young piglets, |
| 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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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 15 th August 2018 |
|--------------------------------------|--|
| Rainfall: 18.0 mm | Mostly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 18°C and 09-10°C respectively. Expected morning and evening relative humidity will be 94-96% and 68-75% respectively. Wind direction is mainly SSE & W with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|--|---------------------------------|---|--|
| <ul style="list-style-type: none">Go for fertilizer/manure applications during dry/clear daysManual weeding advocatedProper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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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 15 th August 2018 |
|--------------------------------------|--|
| Rainfall: 9.2 mm | Mostly cloudy with possibility moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 98-100% and 69-81% respectively. Wind direction is mainly variable with average wind speed range of 2 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|--|--------------------------------------|---|--|
| <ul style="list-style-type: none">Go for fertilizer/manure applications during dry/clear daysManual weeding advocatedProper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (Normal) | Leaf Elongation/ Active tillering | Blast | <ul style="list-style-type: none">❖ Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63% WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Rice (WRC) Early sown | Booting & grain filling | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ If infestation level is high, spraying of 0.01 % of Imidacloprid 17SL on a clear day is advised.❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| Sesamum | Vegetative | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Pineapple | Vegetative | | <ul style="list-style-type: none">❖ Remove excess suckers & slips to maintain the health of plants |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pig | Pigs/ Piglets | | <ul style="list-style-type: none">❖ Wallowing – Allow animals of spend time in muddy water,❖ Regular monitoring against skin infection❖ In present weather conditions provide adequate clean water to the animals throughout the day,❖ Provide dry bedding materials to young piglets, |
| Goat/Sheep | All | | <ul style="list-style-type: none">❖ Regular monitoring against skin infection❖ Shearing - Cut the fur of sheep at regular interval, |
| 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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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 15 th August 2018 |
|--------------------------------------|--|
| Rainfall: 0.0 mm | Mostly/partly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 17-18°C respectively. Expected morning and evening relative humidity will be 91-94% and 61-77% respectively. Wind direction is mainly SE & SSW with average wind speed range of 2-4 kmph. |
| Warning: | Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|---------------------------------|---|--|
| On anticipation of heavy rainfall: | | | |
| <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| 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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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 15 th August 2018 |
|--------------------------------------|--|
| Daporijo: 0.0 mm | Mostly/partly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 22°C respectively. Expected morning and evening relative humidity will be 93-95% and 61-79% respectively. Wind direction is mainly SSE & SSW with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|---|---------------------------------|---|--|
| On anticipation of heavy rainfall: | | | |
| <ul style="list-style-type: none">• Suspend all spray operations• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
| Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247 | | | |



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 11th to 15th August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10th August, 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 15 th August 2018 |
|---|--|
| Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 71.7 mm; Kalaktang: 2.0 mm | Mostly cloudy with possibility heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 98-99% and 71-86% respectively. Wind direction is mainly SSW & S with average wind speed range of 2-3 kmph. |
| Warning: | <ul style="list-style-type: none">Heavy rain is likely to occure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

| GENERAL RECOMMENDATIONS | | | |
|--|---------------------------------|---|--|
| <ul style="list-style-type: none">Go for fertilizer/manure applications during dry/clear daysManual weeding advocatedProper drainage to all crop to avoid runoff | | | |
| DETAILS OF ADVISORIES FOR THE PERIOD | | | |
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
| Fruit orchards | All stages | | <ul style="list-style-type: none">❖ Weeding and basin cleaning to be done in all fruit orchards |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Pigs | All stages | Swine Fever | <ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Avoid stagnant water near the shed,❖ Vaccinate of healthy pigs with swine fever vaccine,❖ Avoid contact with disease pigs,❖ Quarantine new purchase piglets/pigs for atleast 1 month, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">❖ Vaccination of animal for FMD, |
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(Period: 11th to 15th August, 2018)

No: AMFU-Basar/2018/64

Dated: Fri, 10th August, 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 15 th August 2018 |
|---|---|
| Rainfall: 2.0 mm, Max. T: 34.0°C, Min. T: 18.7°C, Wind Speed: 2-6 km/h, RH: 58-92%, Wind Direction: NNE | Partly/Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 25-26°C respectively. Expected morning and evening relative humidity will be 94-97% and 63-82% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph. |
| Warning: | Heavy rain is likely to ocure at isolated places over Arunachal Pradesh on 10th ,11th, 12th August 2018 |

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

DETAILS OF ADVISORIES FOR THE PERIOD

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|------------------------------------|--|--|
| FIELD CROPS | | | |
| Rice (<i>Jhum</i>) | Grain filling stage | Yellow stem borer | <ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to monitor the adults,❖ Spray Triazophos 40 EC@ 4ml/l water at 10 days interval during clear/dry days or using proper sticker if the infestation is high, |
| Rice (WRC) | Transplanting/ Active tillering | Gundhi bug/ stem borer/ gall midge/ hoppers | <ul style="list-style-type: none">❖ Do not delay weeding in WRC in order to enhance tillering and growth for higher yield & to ward off the alternate host of gundhi bug.❖ Install YSB specific pheromone traps❖ Follow the rope technique for dislodging of larvae and then open the water outlet. Collect the cases and destroy them.❖ If infestation level is high, follow insecticide treatment after proper consultation with state agril govt employees or from KVK. |
| Maize | Harvesting | Cob borer | <ul style="list-style-type: none">❖ Collect the adult insects by installing light traps.❖ Harvest mature crops immediately during clear/dry days❖ Stage wise harvesting of black/green gram❖ Light interculture operations is advised, |
| Soybean | Vegetative | | |
| Black/green gram | Harvesting | | |
| VEGETABLES | | | |
| Chilli | Mature | | <ul style="list-style-type: none">❖ Light interculture operations, |
| Cauliflower /Cabbage | Nursery Preparation | | <ul style="list-style-type: none">❖ Nursery preparation for early cruciferous crops may be done in raised bed (Preferable in shaded area), |
| HORTICULTURAL CROPS | | | |
| Citrus | Fruiting stage | Trunk borer | <ul style="list-style-type: none">❖ Removal of water shoots,❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area, |
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