जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 2018**

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 19th September 2018
NA	**Partly cloudy with possibility of light/moderate rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 91-96% and 50-71% respectively. Wind direction is mainly NW & WNW with average wind speed range of 4-6 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18.

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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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Arunachal Pradesh

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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 19th September 2018
Rainfall: 82.1 mm; T. Max: 29.0°C; T. Min: 22.0°C ; RH: 90-97%	**Partly/Mostly cloudy with possibility of light/moderate rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 29-34°C and 23-25°C respectively. Expected morning and evening relative humidity will be 91-94% and 55-75% respectively. Wind direction is mainly variable with average wind speed range of 4-6 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18.

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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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 19th September 2018
Rainfall: 67.0 mm	**Partly/Mostly cloudy with possibility of light/moderate rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 13-16°C and 07-09°C respectively. Expected morning and evening relative humidity will be 98-99% and 42-81% respectively. Wind direction is mainly NE & E with average wind speed range of 2-5 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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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 19th September 2018
Rainfall: 63.4 mm	**Mostly/partly cloudy with possibility moderate to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 29-34°C and 23-25°C respectively. Expected morning and evening relative humidity will be 91-93% and 51-67% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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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 19th September 2018
Rainfall: 131.6 mm	**Mostly/partly cloudy with possibility of light to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 21-24°C and 14-15°C respectively. Expected morning and evening relative humidity will be 92-96% and 37-71% respectively. Wind direction is mainly S & WSW with average wind speed range of 5-6 kmph.
Warning:	**. Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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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 19th September 2018
Daporijo: 21.6 mm	**Partly/Mostly cloudy with possibility of light/moderate rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 97-99% and 44-75% respectively. Wind direction is mainly WSW & W with average wind speed range of 3-5 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
❖ **LIVESTOCKS**			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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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 19th September 2018
Rainfall = Bomdila: NA ; Bhalukpong: 58.8 mm; Kalaktang: 33.8 mm	**Mostly cloudy with possibility light to rather heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 21-24°C and 14-15°C respectively. Expected morning and evening relative humidity will be 94-97% and 48-74% respectively. Wind direction is mainly SSW & SW with average wind speed range of 3-4 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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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 19th September 2018
Rainfall: 130.0 mm, Max. T: 30.0°C, Min. T: 21.0°C, Wind Speed: 3-6 km/h, RH: 75-93%, Wind Direction: ENE	**Mostly/partly cloudy with possibility light to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 29-34°C and 23-25°C respectively. Expected morning and evening relative humidity will be 94-97% and 42-71% respectively. Wind direction is mainly variable with average wind speed range of 4-5 kmph.
Warning:	**Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
No weather summary available	**Mostly/partly cloudy with possibility of moderate to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 21-24°C and 14-15°C respectively. Expected morning and evening relative humidity will be 95-97% and 41-61% respectively. Wind direction is mainly ENE & E with average wind speed range of 4-6 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall = Changlang: NA Miao: 31.9 mm	**Mostly/partly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 29-34°C and 23-25°C respectively. Expected morning and evening relative humidity will be 94-96% and 48-66% respectively. Wind direction is mainly variable with average wind speed range of 3-4 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall = 0.0 mm	**Mostly/partly cloudy with possibility of light to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 21-24°C and 14-15°C respectively. Expected morning and evening relative humidity will be 92-97% and 36-75% respectively. Wind direction is mainly ENE & E with average wind speed range of 5-7 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall = 36.8 mm	**Partly/Mostly cloudy with possibility of light to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 90-94% and 43-65% respectively. Wind direction is mainly variable with average wind speed range of 3-5 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall: 191.4 mm; T. Max: 25.0°C; T. Min: 22.0°C ; RH: 100-100%	**Mostly/partly cloudy with possibility of light/moderate rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 29-34°C and 23-25°C respectively. Expected morning and evening relative humidity will be 87-93% and 44-63% respectively. Wind direction is mainly W & WNW with average wind speed range of 5-7 kmph.
Warning:	• **Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18**

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.

❖ **LIVESTOCKS**

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall (Koloriang): 16.4 mm	**Mostly/partly cloudy with possibility moderate to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 21-24°C and 14-15°C respectively. Expected morning and evening relative humidity will be 96-98% and 46-76% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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			
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
Pulses	Flowering	Blister beetle	❖ Application of fertilizers and spray operations to be delayed/avoided ❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
Rice	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
VEGETABLES			
Rabi vegetables	Nursery		❖ In present weather conditions, raising nursery of hybrid tomato, cauliflower and cabbage may be done. The seeds should be sown on raised bed (15-20 cm) after treating with *Trichoderma* @ 10 g/kg are with Captan/Thiram @ 3 g/kg seeds. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
HORTICULTURAL CROPS			
Kiwi	Vegetative		❖ Manuring with well decomposed FYM@15kg/plant followed by mulching with paddy straw.
Pineapple	Fruiting		❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Poultry	All stages		❖ Proper ventilation of shed ❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water ❖ Follow 'All in All out' system of rearing and do not rear birds of different age groups together. ❖ Avoid overcrowding. ❖ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall: 127.9 mm (Tezu)	**Mostly/partly cloudy with possibility of moderate to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 90-96% and 48-61% respectively. Wind direction is mainly NE & E average wind speed range of 6-7 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
❖ **LIVESTOCKS**			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

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जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th September, 2018)

No: AMFU-Basar/2018/74 **Dated: Fri, 14th September, 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 19th September 2018
Rainfall (Roing): 190.9 mm	**Mostly/partly cloudy with possibility of light to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-31°C and 21-23°C respectively. Expected morning and evening relative humidity will be 92-95% and 42-68% respectively. Wind direction is mainly SSE & SE with average wind speed range of 5-7 kmph.
Warning:	• Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 14th Sept'18

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	Dough Grain filling stage	Gundhi bug	❖ Monitor crop against attack of gundhi bug, ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ **Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker**
Jhum field	Harvesting		❖ Harvest jhum rice (at least 80% mature) after 1-2 bright sunny days. ❖ Proper sundry of harvested crop advocated
VEGETABLES			
Early winter vegetables	Nursery		❖ Nursery can be raised for early winter vegetables like cabbage, cauliflower, broccoli, onion, raya saag etc. ❖ Seed should be sown in moist soil in raised nursery bed of size 1x5m under protected condition. ❖ FYM @ 2kg/ sqm, neem cake @ 200g/sqm, Trichoderma @2% should be incorporated in soil before sowing seed. ❖ Regular watering in nursery is recommended
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	• Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water. • Uproot & burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.
Banana	Fruiting/ Ripening		• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
❖ **LIVESTOCKS**			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
Cattle	All stages	FMD	❖ **In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days advised.** ❖ Provide UMB/Molases if possible in the feed ❖ The animal should be washed with lukewarm water added with little potash ($KMnO_4$) or neem leaves ❖ Long hair near the udder/stomach/back legs should be teamed short.

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247