



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

(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

No: AMFU-Basar/2018/71

Dated: Tue, 4<sup>th</sup> 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 9 <sup>th</sup> September 2018
No weather summary available	<b>Mostly/Partly cloudy with possibility of moderate to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 18-19°C respectively. Expected morning and evening relative humidity will be 94-99% and 64-73% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Weeding of the rice field may be done.</li><li>❖ Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>❖ Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Regular monitoring, collection and destruction of beetles.</li><li>❖ Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>❖ Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>❖ Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Yak			<ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>❖ Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>❖ Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>❖ Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>❖ Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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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 summary of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall = Changlang: NA Miao: 47.6 mm	<b>Mostly/partly cloudy with possibility of moderate to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 95-98% and 64-78% respectively. Wind direction is mainly variable with average wind speed range of 3-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>

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



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Dated: Tue, 4<sup>th</sup> 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 9 <sup>th</sup> September 2018
Rainfall = 0.0 mm	<b>Partly/mostly cloudy with possibility of moderate to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 18-19°C respectively. Expected morning and evening relative humidity will be 98-99% and 54-88% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Weeding of the rice field may be done.</li><li>❖ Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>❖ Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Regular monitoring, collection and destruction of beetles.</li><li>❖ Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>❖ Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>❖ Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Yak			<ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>❖ Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>❖ Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>❖ Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>❖ Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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**ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall = 16.2 mm	<b>Mostly cloudy with possibility of rather heavy to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 21-22°C respectively. Expected morning and evening relative humidity will be 97-98% and 60-80% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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**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 9 <sup>th</sup> September 2018
Rainfall: 116.8 mm; T. Max: 33.0°C; T. Min: 24.0°C ; RH: 75-100%	<b>Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 94-96% and 61-90% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 31st Aug'2018 to 2nd Sept'18.</b></li></ul>

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
VEGETABLES			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
HORTICULTURAL CROPS			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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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 9 <sup>th</sup> September 2018
Rainfall (Koloriang): 12.2 mm	<b>Mostly/partly cloudy with possibility moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 18-19°C respectively. Expected morning and evening relative humidity will be 99% and 54-82% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Weeding of the rice field may be done.</li><li>❖ Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>❖ Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Regular monitoring, collection and destruction of beetles.</li><li>❖ Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>❖ Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>❖ Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	<ul style="list-style-type: none"><li>❖ <b>Precautionary Practices to be followed</b></li></ul>
Yak			<ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>❖ Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>❖ Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>❖ Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>❖ Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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**ADVISORY FOR DISTRICT: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall: 116.0 mm (Tezu)	<b>Partly/mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 21-22°C respectively. Expected morning and evening relative humidity will be 89-97% and 60-71% respectively. Wind direction is mainly variable with average wind speed range of 2-6 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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**District Level Agro-met Advisory Bulletin**  
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(Period: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

No: AMFU-Basar/2018/71

Dated: Tue, 4<sup>th</sup> 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 9 <sup>th</sup> September 2018
Rainfall (Roing): 35.6 mm	<b>Partly/mostly cloudy with possibility of moderate to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 21-22°C respectively. Expected morning and evening relative humidity will be 92-97% and 61-81% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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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 9 <sup>th</sup> September 2018
NA	Mostly cloudy with possibility of rather heavy to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 21-22°C respectively. Expected morning and evening relative humidity will be 96-98% and 63-92% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	<ul style="list-style-type: none"><li>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>Weeding of the rice field may be done.</li><li>Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>Proper drainage should be ensured.</li><li>Regular monitoring, collection and destruction of beetles.</li><li>Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>Plant basin should be kept weed free.</li><li>Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Yak			<ul style="list-style-type: none"><li>Feeding of concentrate feed along with mineral mixture and salt.</li><li>Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall: 77.6 mm; T. Max: 36.0°C; T. Min: 23.0°C ; RH: 82-95%	<b>Mostly cloudy with possibility of rather heavy to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 95-97% and 71-89% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b></li></ul>

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
VEGETABLES			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
HORTICULTURAL CROPS			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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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 9 <sup>th</sup> September 2018
Rainfall: 8.0 mm	<b>Partly/Mostly cloudy with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 17-18°C and 08-09°C respectively. Expected morning and evening relative humidity will be 97-99% and 45-71% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept</b></li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>Weeding of the rice field may be done.</li><li>Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>Proper drainage should be ensured.</li><li>Regular monitoring, collection and destruction of beetles.</li><li>Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>Plant basin should be kept weed free.</li><li>Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	<b>Precautionary Practices to be followed</b>
Yak			<ul style="list-style-type: none"><li>Feeding of concentrate feed along with mineral mixture and salt.</li><li>Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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**ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall: 4.6 mm	Mostly cloudy with possibility moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 94-95% and 61-77% respectively. Wind direction is mainly variable with average wind speed range of 4-5 kmph.
Warning:	<ul style="list-style-type: none"><li>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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**ADVISORY FOR DISTRICT: UPPER SIANG**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Rainfall: NA	Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 18-19°C respectively. Expected morning and evening relative humidity will be 97-99% and 54-86% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8 <sup>th</sup> Sept.

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Weeding of the rice field may be done.</li><li>❖ Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>❖ Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Regular monitoring, collection and destruction of beetles.</li><li>❖ Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>❖ Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>❖ Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ <b>Precautionary Practices to be followed</b>
Yak			<ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>❖ Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>❖ Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>❖ Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>❖ Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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: 5<sup>th</sup> to 9<sup>th</sup> September, 2018)

No: AMFU-Basar/2018/71

Dated: Tue, 4<sup>th</sup> September, 2018



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

**ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 9 <sup>th</sup> September 2018
Daporijo: 10.2 mm	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 21-22°C respectively. Expected morning and evening relative humidity will be 99-100% and 55-87% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	<ul style="list-style-type: none"><li>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 31st Aug'2018 to 2nd Sept'18</li></ul>

**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
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Strict monitoring of Gundhi bug should be done.</li><li>❖ Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
<b>HORTICULTURAL CROPS</b>			
Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
Ginger/Turmeric	Vegetative	Soft rot	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Hand weeding at 15 days interval.</li><li>❖ Drenching with COC @ 0.25% at 7- 10 days interval for management of soft rot</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Swine fever	<ul style="list-style-type: none"><li>❖ Keep floor dry to avoid skin diseases.</li><li>❖ Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.</li><li>❖ Swine fever vaccine at the age of 8- 10 week is recommended. Critical heat detection in early morning and late evening is recommended.</li><li>❖ Feed 5-10% green fodder of their diet</li></ul>
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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 9 <sup>th</sup> September 2018
Rainfall = Bomdila: NA ; Bhalukpong: 103.7 mm; Kalaktang: 6.4 mm	<b>Mostly cloudy with possibility moderate to heavy rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 18-19°C respectively. Expected morning and evening relative humidity will be 97-99% and 55-85% respectively. Wind direction is mainly variable with average wind speed range of 2-5 kmph.
Warning:	<ul style="list-style-type: none"><li><b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept</b></li></ul>

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Booting and Panicle initiation	Yellow stem borer, <a href="#">Sheath blight</a> <a href="#">Gundhi Bug</a>	<ul style="list-style-type: none"><li>❖ Weeding of the rice field may be done.</li><li>❖ Strict monitoring of Gundhi bug should be done. Manual collection and destruction of adults and nymph at this stage of crop is highly effective in managing pest population.</li><li>❖ Monitoring of crop against grayish discoloration on the stem that starts just above water table (Sheath Blight) should be done. On detection of symptoms spraying of Sheathmar @ 3 gram per litre of water is advised.</li></ul>
Jhum rice	Flowering/ maturity/ harvesting		<ul style="list-style-type: none"><li>❖ Avoid harvesting during the period on anticipation of heavy rainfall</li></ul>
<b>VEGETABLES</b>			
Okra & Cucurbitaceous crops	Flowering/ fruiting/ harvesting	Blister beetle/ fruit fly	<ul style="list-style-type: none"><li>❖ Proper drainage should be ensured.</li><li>❖ Regular monitoring, collection and destruction of beetles.</li><li>❖ Install pheromone traps @ 16-20 traps/ha for control of fruit fly. The lure has to be replaced at every 20 days interval.</li><li>❖ Collect and destroy the infected fruits..</li></ul>
<b>HORTICULTURAL CROPS</b>			
Kiwifruit	Fruiting		<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li></ul>
Large cardamom	Fruiting	Tea mosquito bug	<ul style="list-style-type: none"><li>❖ Shade management with the proper lopping of trees</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Yak			<ul style="list-style-type: none"><li>❖ Feeding of concentrate feed along with mineral mixture and salt.</li><li>❖ Hay feeding is recommended. Trimming of hair is recommended.</li></ul>
Cattle, Sheep and Goat			<ul style="list-style-type: none"><li>❖ Farmers are advised to look for heat sign especially during early morning or late evening and ensure breeding of the dairy cattle 12 hr after observation of heat.</li><li>❖ Breeding of the sheep/goat should be done 24-30 hr after observation of heat</li><li>❖ Feeding of concentrate feed along with jaggery, mineral mixture and salt.</li><li>❖ Periodic application of fly repellents and/or netting of dung pit are recommended.</li></ul>
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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 9 <sup>th</sup> September 2018
Rainfall: 25.8 mm, Max. T: 31.0°C, Min. T: 22.0°C, Wind Speed: 4-6 km/h, RH: 59-91%, Wind Direction: WNW	<b>Mostly cloudy with possibility moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 98-99% and 59-91% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
Warning:	<b>Heavy rain is very likely to occur at isolated places over Arunachal Pradesh on 8th Sept.</b>

**GENERAL RECOMMENDATIONS**

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- Suspend all spray operations
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**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
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<b>VEGETABLES</b>			
Tomato (inside polyhouse)	Fruiting/ Harvesting	Fruit borer/ white fly/ late blight	<ul style="list-style-type: none"><li>❖ Infected/dried leaves should be pruned and spray COC @ 0.25% at 7- 10 days interval for management of late blight.</li><li>❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.</li><li>❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm</li></ul>
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Orange/Citrus	Fruiting Growth	Trunk borer/ leaf miner Scab and Felt disease	<ul style="list-style-type: none"><li>❖ Plant basin should be kept weed free.</li><li>❖ Proper drainage should be ensured.</li><li>❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.</li><li>❖ Spray COC @ 0.25% after removing the infected branches</li><li>❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture</li></ul>
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