



Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Dimapur District

Bulletin No:88/2017

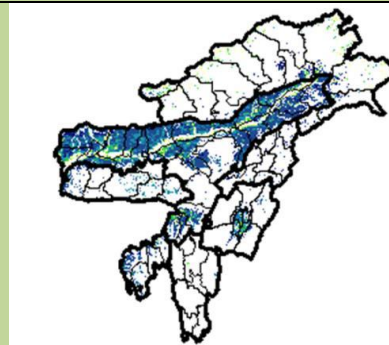
Weather summary of the preceding week

- No rain occurred the past week
- Maximum and minimum temperatures ranged 29⁰C to 30⁰C and 15⁰C to 17⁰C, respectively.
- Relative humidity varied from 40% to 88%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 15th Nov'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 28⁰C - 30⁰C and the **min temp** 15⁰C to 17⁰C
- **Sky is likely to be clear** the coming week
- **Relative Humidity** is likely to range from 35% to 90%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly easterly

- NDVI for Nagaland




Agriculture vigour is moderate in parts of Nagaland

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.

				<i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i>
	<p style="text-align: center;">Horticultural crop</p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	Citrus		Fruit flies	<i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i>
	Vegetables			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
	Cauliflower, cabbage, broccoli, tomato			<i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i>
	Naga king chilli	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	Fruit trees			<i>Farmers are advised for application of manure and fertilizer in orchards</i>
	Ginger / turmeric	Maturity stage		<i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i>
	<p style="text-align: center;">Livestock</p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	Poultry	<p>✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed.</p>		

		<ul style="list-style-type: none"> ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. ✓ Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water OR Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha

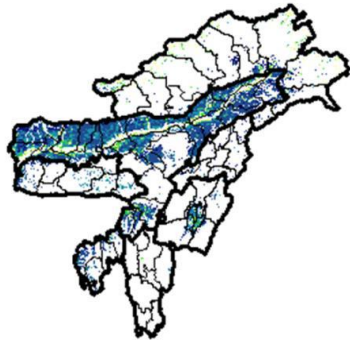
SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com


Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17

Kiphire District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 11⁰C to 13⁰C, respectively. Relative humidity varied from 26% to 88%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 27⁰C - 28⁰C and the min temp 14⁰C to 15⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 16% to 92%. Wind speed may reach upto 3- 4 kmph Wind direction will be easterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder

			and RCM-76.
<p style="text-align: center;">Horticultural crop</p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
Citrus		Fruit flies	<i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i>
Vegetables			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyrifos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
Cauliflower, cabbage, broccoli, tomato			<i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i>
Naga king chilli	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
Fruit trees			<i>Farmers are advised for application of manure and fertilizer in orchards</i>
Ginger / turmeric	Maturity stage		<i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i>
<p style="text-align: center;">Livestock</p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			

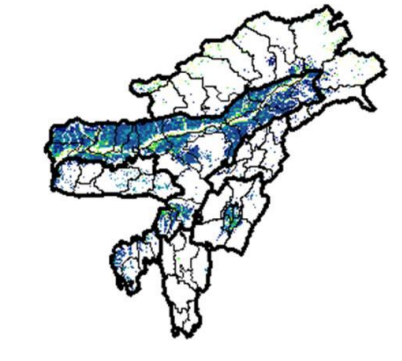
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
Fisheries		
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water OR <p style="padding-left: 40px;">Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

SCIENTIFIC EXPERT COMMITTEE


Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com

Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Kohima District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 21⁰C to 22⁰C and 14⁰C to 15⁰C, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 20⁰C - 25⁰C and the min temp 10⁰C to 11⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 26% to 93%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly easterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow

				<p><i>certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
	<p align="center"><i>Horticultural crop</i></p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	<i>Citrus</i>		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
	<i>Vegetables</i>			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyrifos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
	<i>Cauliflower, cabbage, broccoli , tomato</i>			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
	<i>Naga king chilli</i>	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	<i>Fruit trees</i>			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
	<i>Ginger / turmeric</i>	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>

	Livestock	
	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals	
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

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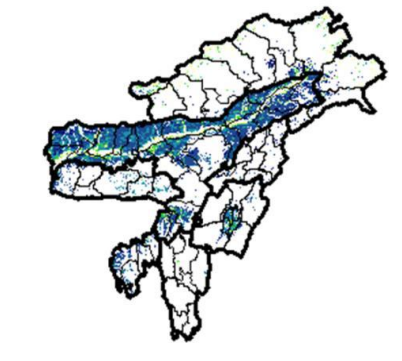
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com


Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17

Longleng District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 15⁰C to 17⁰C, respectively. Relative humidity varied from 60% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 26⁰C - 27⁰C and the min temp 13⁰C to 14⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 34% to 90%. Wind speed may reach upto 3- 4 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed

				<p>rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</p> <p>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</p>
	<p align="center">Horticultural crop</p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	Citrus		Fruit flies	<p>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</p>
	Vegetables			<p>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</p> <p>Damping off is the most common disease. Soil treatment with captaf before sowing.</p> <p>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</p> <p>Make a raised bed of 15-20cm higher from the surface level.</p> <p>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</p>
	Cauliflower, cabbage, broccoli, tomato			<p>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</p>
	Naga king chilli	Harvesting stage		<p>Timely weeding and earthing up should be done</p> <p>Daily monitoring should be done for insect pest and need based neem oil should be spray</p>
	Fruit trees			<p>Farmers are advised for application of manure and fertilizer in orchards</p>
	Ginger / turmeric	Maturity stage		<p>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</p>
	<p align="center">Livestock</p>			

	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals	
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
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	Fisheries	
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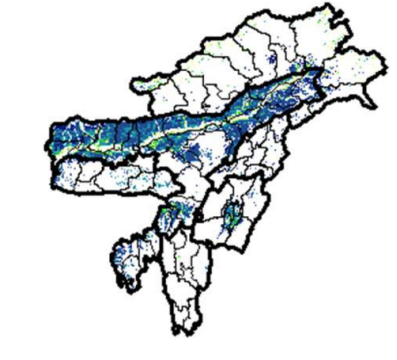
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17

Mokokchung District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 26⁰C and 14⁰C to 15⁰C, respectively. Relative humidity varied from 42% to 90%. Wind speed ranged from 3 to 5 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 25⁰C - 28⁰C and the min temp 15⁰C to 16⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 38% to 90%. Wind speed may reach upto 2- 5 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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			<p><i>use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
<p style="text-align: center;">Horticultural crop</p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
Citrus		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
Vegetables			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
Cauliflower, cabbage, broccoli, tomato			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
Naga king chilli	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
Fruit trees			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
Ginger / turmeric	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>
<p style="text-align: center;">Livestock</p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
Poultry	<p>✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed.</p>		

		<ul style="list-style-type: none"> ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water OR Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Mon District

Bulletin No:88/2017

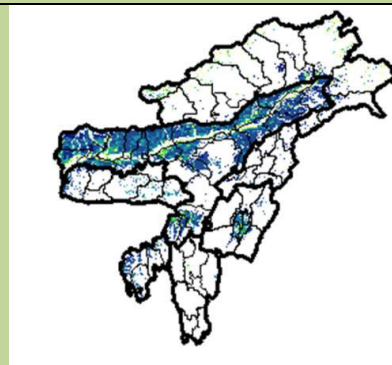
Weather summary of the preceding week

- No rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 24⁰C and 12⁰C to 14⁰C, respectively.
- Relative humidity varied from 36% to 95%
- Wind speed ranged from 5 to 6 kmph

Weather forecast valid upto 15th Nov'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 26⁰C - 27⁰C and the **min temp** 13⁰C to 14⁰C
- **Sky is likely to be clear** the coming week
- **Relative Humidity** is likely to range from 34% to 90%.
- **Wind speed** may reach upto 5- 6 kmph
- **Wind direction** will be southeasterly

- NDVI for Nagaland




Agriculture vigour is moderate in parts of Nagaland

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow

			<p><i>certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
<p style="text-align: center;"><i>Horticultural crop</i></p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
<i>Citrus</i>		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
<i>Vegetables</i>			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
<i>Cauliflower, cabbage, broccoli, tomato</i>			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
<i>Naga king chilli</i>	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
<i>Fruit trees</i>			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
<i>Ginger / turmeric</i>	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>
<p style="text-align: center;"><i>Livestock</i></p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			

	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

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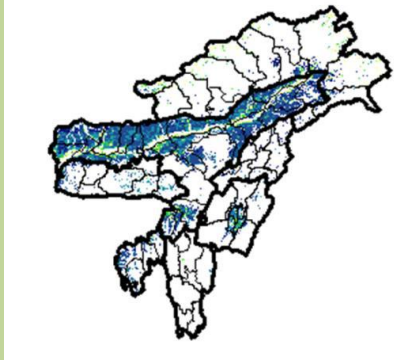
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17

Peren District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 24⁰C and 12⁰C to 14⁰C, respectively. Relative humidity varied from 39% to 95%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 26⁰C - 27⁰C and the min temp 12⁰C to 14⁰C Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 32% to 92%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight.

				<p><i>If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
	<p align="center"><i>Horticultural crop</i></p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	<i>Citrus</i>		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
	<i>Vegetables</i>			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyrifos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
	<i>Cauliflower, cabbage, broccoli, tomato</i>			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
	<i>Naga king chilli</i>	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	<i>Fruit trees</i>			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
	<i>Ginger / turmeric</i>	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>
<p align="center"><i>Livestock</i></p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>				

	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
	<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>	

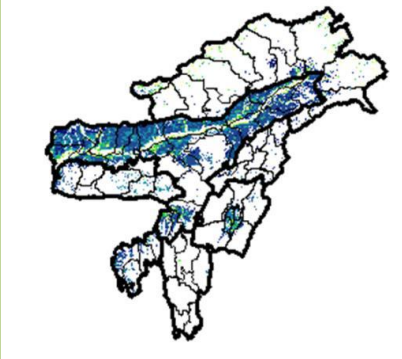
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Phek District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 23⁰C and 11⁰C to 12⁰C, respectively. Relative humidity varied from 30% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 25⁰C - 26⁰C and the min temp 12⁰C to 13⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 25% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region

	Rabi maize	Land preparation		<p><i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
	<p style="text-align: center;"><i>Horticultural crop</i></p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	Citrus		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
	Vegetables			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
	Cauliflower, cabbage, broccoli, tomato			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
	Naga king chilli	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	Fruit trees			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
	Ginger / turmeric	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very</i></p>

				<i>difficult to find out the marked plots.</i>
	<i>Livestock</i>			
	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<i>Poultry</i>	<ul style="list-style-type: none">✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed.✓ If possible there should be separate space for different age group of birds.✓ Sick bird should be immediately separated/ culled from healthy flock.• Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected		
	<i>Piggery</i>	<ul style="list-style-type: none">✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs.✓ A separate house should be there to keep the animals suffering from contagious diseases.		
	<i>Fisheries</i>			
		<ol style="list-style-type: none">1. Clean the pond bottom and remove all debris2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water OR Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha		

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Tuensang District

Bulletin No:88/2017

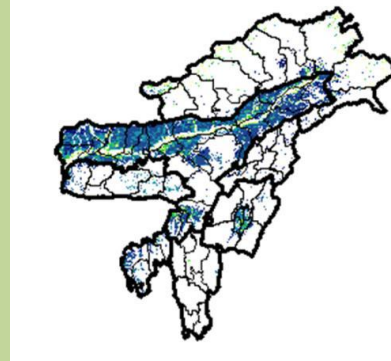
Weather summary of the preceding week

- No rain occurred the past week
- Maximum and minimum temperatures ranged 19⁰C to 20⁰C and 9⁰C to 10⁰C, respectively.
- Relative humidity varied from 30% to 95%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 15th Nov'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 22⁰C - 23⁰C and the **min temp** 9⁰C to 10⁰C
- **Sky is likely to be clear** the coming week
- **Relative Humidity** is likely to range from 20% to 92%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be southeasterly

- NDVI for Nagaland




Agriculture vigour is moderate in parts of Nagaland

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for <i>toria</i> and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow

				<p><i>certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
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	<i>Cauliflower, cabbage, broccoli, tomato</i>			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
	<i>Naga king chilli</i>	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	<i>Fruit trees</i>			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
	<i>Ginger / turmeric</i>	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>
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	animals	
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
Fisheries		
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Wokha District

Bulletin No:88/2017

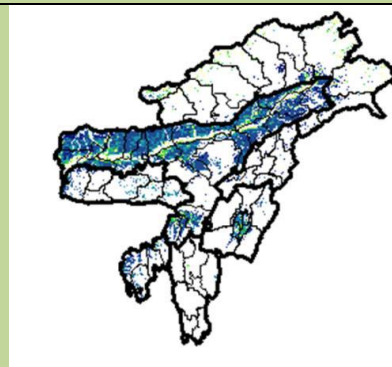
Weather summary of the preceding week

- No rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 24⁰C and 12⁰C to 13⁰C, respectively.
- Relative humidity varied from 43% to 92%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 15th Nov'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 26⁰C - 27⁰C and the **min temp** 13⁰C to 15⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 42% to 92%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be mostly southeasterly

- NDVI for Nagaland




Agriculture vigour is moderate in parts of Nagaland

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and

				seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.
	Horticultural crop			
	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.			
	Citrus		Fruit flies	Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate
	Vegetables			Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters. Damping off is the most common disease. Soil treatment with captaf before sowing. For termites and cut worms. Application of Chlorpyrifos as soil treatment is recommended before sowing to control such insects. Make a raised bed of 15-20cm higher from the surface level. Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination
	Cauliflower, cabbage, broccoli, tomato			Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.
	Naga king chilli	Harvesting stage		Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray
	Fruit trees			Farmers are advised for application of manure and fertilizer in orchards
	Ginger / turmeric	Maturity stage		Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.

	Livestock	
	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals	
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

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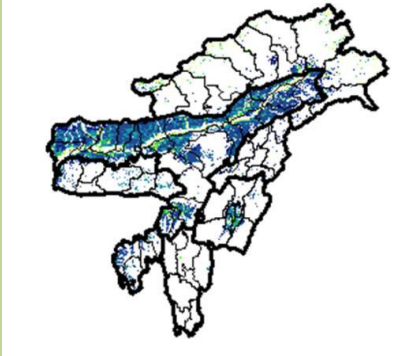


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Integrated Agromet Advisory Service Bulletin from 11th to 15th Nov'17 Zunheboto District

Bulletin No:88/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th Nov'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 21⁰C to 22⁰C and 9⁰C to 11⁰C, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 4 to 5 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 23⁰C - 24⁰C and the min temp 10⁰C to 11⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 32% to 95%. Wind speed may reach upto 4- 5 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p style="text-align: right;">Agriculture vigour is moderate in parts of Nagaland</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Post Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Milk development stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be

				<p><i>ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
	<p style="text-align: center;"><i>Horticultural crop</i></p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
	<i>Citrus</i>		Fruit flies	<p><i>Once fruit is stung it is too late for anything but planning for a better result next year! You can check fruit for tiny dimples or weeping clear sap. Remove and destroy any stung fruit, it is more effective to do this straight away than picking up rotten fruit from the ground as the maggots may have already left the fruit to pupate</i></p>
	<i>Vegetables</i>			<p><i>Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.</i></p> <p><i>Damping off is the most common disease. Soil treatment with captaf before sowing.</i></p> <p><i>For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.</i></p> <p><i>Make a raised bed of 15-20cm higher from the surface level.</i></p> <p><i>Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination</i></p>
	<i>Cauliflower, cabbage, broccoli, tomato</i>			<p><i>Transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Before sowing, fully decomposed FYM or compost is advised in vegetable and other crops, as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.</i></p>
	<i>Naga king chilli</i>	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	<i>Fruit trees</i>			<p><i>Farmers are advised for application of manure and fertilizer in orchards</i></p>
	<i>Ginger / turmeric</i>	Maturity stage		<p><i>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</i></p>

	Livestock	
	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals	
	Poultry	<ul style="list-style-type: none"> ✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. • Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Piggery	<ul style="list-style-type: none"> ✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		<ol style="list-style-type: none"> 1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water <p>OR</p> <p>Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha</p>

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