



# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Dimapur District

Bulletin No:65/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 30<sup>0</sup>C to 34<sup>0</sup>C and 23<sup>0</sup>C to 25<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 78%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 32<sup>0</sup>C - 34<sup>0</sup>C and the **min temp** 24<sup>0</sup>C to 25<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 64% to 91%.
- **Wind speed** may reach upto 2- 4 kmph  
**Wind direction** will be mostly southeasterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
<i>Cucurbits</i>	Fruiting to	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>

		harvesting stage		<i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
			Wilt	<i>Remove and destroy the affected plant Proper drainage should be maintained in the field</i>
	<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• 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.</li></ul>		
<b>Fisheries</b>				
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

## 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
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# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Kiphire District

Bulletin No:65/2017

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28<sup>o</sup>C to 32<sup>o</sup>C and 22<sup>o</sup>C to 23<sup>o</sup>C, respectively.
- Relative humidity varied from 64% to 94%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>o</sup>C - 32<sup>o</sup>C and the **min temp** 23<sup>o</sup>C to 24<sup>o</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 55% to 93%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southeasterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>

	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Maturity stage		Timely weeding and earthing up should be done.
			Wilt	Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Fruiting to 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
	<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Trees should be planted near shed to provide shade as well as cool breeze.</li> <li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>• Make sure that the birds stay warm and cool.</li> <li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>		
<b>Piggery</b>	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.			
<b>Fisheries</b>				
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Kohima District

Bulletin No:65/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 25<sup>o</sup>C to 29<sup>o</sup>C and 18<sup>o</sup>C to 19<sup>o</sup>C, respectively.
- Relative humidity varied from 63% to 96%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26<sup>o</sup>C - 28<sup>o</sup>C and the **min temp** 18<sup>o</sup>C to 19<sup>o</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 92%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be easterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
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	<b>Okra</b>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
			Wilt	<i>Remove and destroy the affected plant Proper drainage should be maintained in the field</i>
	<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>	
<b>Livestock</b>				
Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals				
<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>			
<b>Piggery</b>	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.			
	<b>Fisheries</b>			
	Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.			

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# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Longleng District

Bulletin No:65/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 32<sup>o</sup>C to 34<sup>o</sup>C and 22<sup>o</sup>C to 24<sup>o</sup>C, respectively.
- Relative humidity varied from 65% to 92%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32<sup>o</sup>C - 33<sup>o</sup>C and the **min temp** 23<sup>o</sup>C to 24<sup>o</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 91%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

## Field crops


Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain..</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>

	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Maturity stage		Timely weeding and earthing up should be done.
			Wilt	Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Fruiting to 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
	<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>Trees should be planted near shed to provide shade as well as cool breeze.</li> <li>Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>Make sure that the birds stay warm and cool.</li> <li>On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>		
	<b>Piggery</b>	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>		
		Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond.
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.

## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Mokokchung District

Bulletin No:65/2017

Weather summary of the preceding week			Weather forecast valid upto 27 <sup>th</sup> August'17
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 30<sup>o</sup>C to 33<sup>o</sup>C and 22<sup>o</sup>C to 24<sup>o</sup>C, respectively.</li> <li>Relative humidity varied from 61% to 92%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 31<sup>o</sup>C - 32<sup>o</sup>C and the <b>min temp</b> 22<sup>o</sup>C to 23<sup>o</sup>C</li> <li><b>Sky is likely to be partly cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 58% to 92%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Tillering stage		Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.
Kharif maize	Harvesting stage		Timely harvesting of the crop should be done
Green gram	Harvesting stage		The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.
Groundnut	Vegetative stage		Timely weeding and earthing up should be done
Horticultural crop			
Timely weeding and earthing up should be done			
Citrus	Harvesting stage		
Okra	Harvesting stage		Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.
Cucurbits	Fruiting to	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.

	harvesting stage		<i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
		Wilt	<i>Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field</i>
<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>

### ***Livestock***

Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals

<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Trees should be planted near shed to provide shade as well as cool breeze.</li> <li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>• Make sure that the birds stay warm and cool.</li> <li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>
<b>Piggery</b>	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***

	Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.
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# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Mon District

Bulletin No:65/2017

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 33<sup>0</sup>C to 34<sup>0</sup>C and 23<sup>0</sup>C to 24<sup>0</sup>C, respectively.
- Relative humidity varied from 61% to 94%
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>0</sup>C - 33<sup>0</sup>C and the **min temp** 24<sup>0</sup>C to 25<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
<i>TRC/WRC paddy</i>	Tillering stage		Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.
<i>Kharif maize</i>	Harvesting stage		Timely harvesting of the crop should be done
<i>Green gram</i>	Harvesting stage		The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.
<i>Groundnut</i>	Vegetative stage		Timely weeding and earthing up should be done

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.

	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Maturity stage		Timely weeding and earthing up should be done.
			Wilt	Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Fruiting to 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
	<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
<b>Piggery</b>	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.			
	<b>Fisheries</b>			
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

## 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 23<sup>rd</sup> to 27<sup>th</sup> August'17

## Peren District

Bulletin No:65/2017

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 31<sup>0</sup>C to 34<sup>0</sup>C and 24<sup>0</sup>C to 25<sup>0</sup>C, respectively.
- Relative humidity varied from 60% to 95%.
- Wind speed ranged from 2 to 3 kmph

### Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32<sup>0</sup>C - 33<sup>0</sup>C and the **min temp** 23<sup>0</sup>C to 23<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 56% to 96%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southeasterly


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

### Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
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	<b>Okra</b>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
			Wilt	<i>Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field</i>
	<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b> Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
	<b>Piggery</b>	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.		
	<b>Fisheries</b>			
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

## SCIENTIFIC EXPERT COMMITTEE


Sl.no	Name	Designation	Department	
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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 23<sup>rd</sup> to 27<sup>th</sup> August'17 Phek District

Bulletin No:65/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 27<sup>th</sup> August'17</i>
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 32<sup>0</sup>C and 20<sup>0</sup>C to 23<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 63% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 31<sup>0</sup>C - 32<sup>0</sup>C and the <b>min temp</b> 23<sup>0</sup>C to 24<sup>0</sup>C</li> <li><b>Sky is likely to be partly cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 57% to 92%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>
<i>Horticultural crop</i>			
Timely weeding and earthing up should be done			
<i>Citrus</i>	Harvesting stage		

	<b>Okra</b>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
			Wilt	<i>Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field</i>
	<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>			
<b>Piggery</b>	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.			
<b>Fisheries</b>				
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

## 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 23<sup>rd</sup> to 27<sup>th</sup> August'17 Tuensang District

Bulletin No:65/2017

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30<sup>0</sup>C to 31<sup>0</sup>C and 22<sup>0</sup>C to 24<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 94%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32<sup>0</sup>C - 33<sup>0</sup>C and the **min temp** 23<sup>0</sup>C to 24<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 62% to 94%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southeasterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>

	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Maturity stage		Timely weeding and earthing up should be done.
			Wilt	Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Fruiting to 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
	<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<b>Livestock</b>			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
	<b>Piggery</b>	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.		
<b>Fisheries</b>				
	Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.			

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



# Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Wokha District

Bulletin No:65/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 34<sup>0</sup>C and 21<sup>0</sup>C to 24<sup>0</sup>C, respectively.
- Relative humidity varied from 61% to 92%.
- Wind speed ranged from 2 to 4 kmph

## Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 22<sup>0</sup>C to 24<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 60% to 90%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

## Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
<i>Okra</i>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>

	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Maturity stage		Timely weeding and earthing up should be done.
			Wilt	Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Fruiting to 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
	<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
<b>Livestock</b>				
Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals				
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
	<b>Piggery</b>	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.		
	<b>Fisheries</b>			
		Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.		

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## Integrated Agromet Advisory Service Bulletin from 23<sup>rd</sup> to 27<sup>th</sup> August'17 Zunheboto District

Bulletin No:65/2017

### Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 31<sup>0</sup>C to 33<sup>0</sup>C and 23<sup>0</sup>C to 24<sup>0</sup>C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

### Weather forecast valid upto 27<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 23<sup>0</sup>C to 24<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 64% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Milk development stage	Gundhi bug	<i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i>
<i>TRC/WRC paddy</i>	Tillering stage		<i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i>
<i>Kharif maize</i>	Harvesting stage		<i>Timely harvesting of the crop should be done</i>
<i>Green gram</i>	Harvesting stage		<i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i>
<i>Groundnut</i>	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

### Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>	Harvesting stage		
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	<b>Okra</b>	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
	<b>Cucurbits</b>	Fruiting to harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
	<b>Brinjal</b>	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
			Wilt	<i>Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field</i>
	<b>Naga king chilli</b>	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<p style="text-align: center;"><b>Livestock</b></p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Trees should be planted near shed to provide shade as well as cool breeze.</li> <li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>• Make sure that the birds stay warm and cool.</li> <li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>			
<b>Piggery</b>	<p>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.</p>			
<p style="text-align: center;"><b>Fisheries</b></p>				
		<p>Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.</p>		

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