



Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Dimapur District

Bulletin No:63/2017

Weather summary of the preceding week

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

Weather forecast valid upto 20th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 34°C and the **min temp** 25°C to 26°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 71% to 94%.
- **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>	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops
<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		
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Okra	Harvesting stage		<i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i>
Cucurbits	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>
Brinjal	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>
Naga king chilli	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>
Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
Ginger / turmeric	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			
Poultry	<ul style="list-style-type: none">• Trees should be planted near shed to provide shade as well as cool breeze.• Prevent water logging near poultry sheds to prevent mosquito breeding.• Make sure that the birds stay warm and cool.• On very sunny and humid days provide electrolytes to replenish their lost nutrients		
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			



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
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 16th to 20th August'17 Kiphire District

Bulletin No:63/2017

Weather summary of the preceding week			Weather forecast valid upto 20 th August'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 28°C to 32°C and 22°C to 23°C, respectively. Relative humidity varied from 64% to 94%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 30°C - 32°C and the min temp 21°C to 22°C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 67% to 92%. 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>	Panicle initiation stage		<p>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage.</p> <p>Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</p>
<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.
<i>Cucurbits</i>	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.

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Kohima District

Bulletin No:63/2017

Weather summary of the preceding week

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

Weather forecast valid upto 20th August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27°C - 28°C and the **min temp** 18°C to 19°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 62% to 96%.
- **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>	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops
<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.
<i>Cucurbits</i>	Fruiting to	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Longleng District

Bulletin No:63/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

Weather summary of the preceding week			Weather forecast valid upto 20 th August'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 32°C to 34°C and 22°C to 24°C, respectively. Relative humidity varied from 65% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 31°C - 33°C and the min temp 24°C to 25°C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 73% to 92%. Wind speed may reach upto 2- 5 kmph Wind direction will be mostly southeasterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Panicle initiation stage		<p>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage.</p> <p>Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</p>
<i>TRC/WRC paddy</i>	Tillering stage		<p>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.</p>
<i>Kharif maize</i>	Harvesting stage		Timely harvesting of the crop should be done
<i>Green gram</i>	Harvesting stage		<p>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.</p>
<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.
<i>Cucurbits</i>	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.

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17

Mokokchung District

Bulletin No:63/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

IA

Weather summary of the preceding week			Weather forecast valid upto 20 th August'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30°C to 33°C and 22°C to 24°C, respectively. Relative humidity varied from 61% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 30°C - 31°C and the min temp 23°C to 24°C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 73% to 93%. Wind speed may reach upto 2- 5 kmph Wind direction will be southeasterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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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 harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Mon District

Bulletin No:63/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 20th August'17</i>
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<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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<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		
<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 harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17

Peren District

Bulletin No:63/2017

Weather summary of the preceding week

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

Weather forecast valid upto 20th August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 31°C - 32°C and the **min temp** 24°C to 25°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 60% to 96%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly easterly

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Panicle initiation stage		<i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i>
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Groundnut	Vegetative stage		<i>Timely weeding and earthing up should be done</i>

Horticultural crop

Timely weeding and earthing up should be done

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

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Phek District

Bulletin No:63/2017

Weather summary of the preceding week

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- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 20th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 21°C to 22°C
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- **Wind direction** will be mostly southeasterly

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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Horticultural crop

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Cucurbits	Fruiting to harvesting stage	Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Tuensang District

Bulletin No:63/2017

Weather summary of the preceding week

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Weather forecast valid upto 20th August'17

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<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 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>

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Wokha District

Bulletin No:63/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

Weather summary of the preceding week

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

Weather forecast valid upto 20th August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 22°C to 23°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 94%.
- **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>	Panicle initiation stage		<i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</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 harvesting stage	Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>

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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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



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Integrated Agromet Advisory Service Bulletin from 16th to 20th August'17 Zunheboto District

Bulletin No:63/2017

Weather summary of the preceding week

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

Weather forecast valid upto 20th August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 30°C - 32°C and the **min temp** 23°C to 24°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 71% 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>	Panicle initiation stage		<i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</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>

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