



Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Dimapur District

Bulletin No:23/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29^oC to 30^oC and 16^oC to 17^oC, respectively.
- Relative humidity varied from 19% to 92%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 25th March 2018

- Probability of rain the coming week.
- **Max temp** is likely to be 30^oC - 31^oC and the **min temp** 16^oC to 17^oC
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 25% to 77%.
- **Wind speed** may reach upto 3- 4 kmph
Wind direction will be easterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
<i>Summer crops</i>	Germination stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.

	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		



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 21st to 25th March '18

Kiphire District

Bulletin No:23/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22^oC to 23^oC and 14^oC to 15^oC, respectively.
- Relative humidity varied from 21% to 85%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 25th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 25^oC - 26^oC and the **min temp** 12^oC to 13^oC
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 25% to 83%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be easterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
<i>Summer crops</i>	Germination stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.
<i>Okra</i>	Sowing stage	-	As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.

	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		

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 21st to 25th March '18

Kohima District

Bulletin No:23/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 22^oC to 24^oC and 10^oC to 11^oC, respectively.
- Relative humidity varied from 32% to 98%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 25th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 21^oC - 22^oC and the **min temp** 17^oC to 19^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 20% to 95%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly south westerly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
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	Summer crops	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		
 <p>भारत सरकार ICAR</p>				

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



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(Indian Council of Agricultural Research)
NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Longleng District

Bulletin No:23/2018

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 25th March 2018</i>	
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 25⁰C to 27⁰C and 14⁰C to 15⁰C, respectively. ▪ Relative humidity varied from 26% 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 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 66%. ▪ Wind speed may reach upto 3- 4 kmph ▪ Wind direction will be southeasterly 	
<p>General Recommendations</p> <ul style="list-style-type: none"> • Resort to deep ploughing during summer season • Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects. • Bio-pesticides should be given priority over chemical pesticides 			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.
Horticultural crop			
When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.			
<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
<i>Summer crops</i>	Germination stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.

SCIENTIFIC EXPERT COMMITTEE	Okra	Sowing stage	-	As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.
	Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.
	Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.

Livestock				
Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax drajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	Supply of plenty of clean and cool water must be ensured during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours. lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	During summer consumption of feed by birds is reduced considerably leading to reduced body weight. romen.aggst@gmail.com
4	Dr. Rajesh G	Scientist	Plant Pathology	egg production and shell quality. rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	Increase the frequency of feeding.
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	Shifting transportation, de-benking, and vaccination should be done during night or cool hours of the day azezeseyie@yahoo.com
7	Jyotish Baruah	Scientist	Fisheries Resource Management	Feed when temperatures are lowest jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	Provide a good level plane of nutrition before, during, and after breeding aabon.ian@gmail.com

Fisheries

- Renovate the ponds. Strengthen embankments
- In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha
- In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)
- Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.





Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18

Mokokchung District

Bulletin No:23/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25^oC to 27^oC and 14^oC to 15^oC, respectively.
- Relative humidity varied from 30% to 93%.
- Wind speed ranged from 3 to 5 kmph

Weather forecast valid upto 25th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 26^oC - 27^oC and the **min temp** 12^oC to 13^oC
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 22% to 88%.
- **Wind speed** may reach upto 4-5 kmph
- **Wind direction** will be southeasterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
<i>Summer crops</i>	Germination stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.

Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>

Livestock

- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax

Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day
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Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding
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Fisheries

	<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.
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SCIENTIFIC EXPERT COMMITTEE

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NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Mon District

Bulletin No:23/2018

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 25th March 2018</i>	
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 24^oC to 27^oC and 12^oC to 13^oC, respectively. ▪ Relative humidity varied from 27% to 92% ▪ Wind speed ranged from 3 to 6 kmph 		<ul style="list-style-type: none"> ▪ Probability of no rain the coming week. ▪ Max temp is likely to be 26^oC - 27^oC and the min temp 11^oC to 12^oC ▪ Sky is likely to be mainly clear the coming week ▪ Relative Humidity is likely to range from 20% to 71%. ▪ Wind speed may reach upto 4- 5 kmph ▪ Wind direction will be mostly southerly 	
<p>General Recommendations</p> <ul style="list-style-type: none"> • Resort to deep ploughing during summer season • Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects. • Bio-pesticides should be given priority over chemical pesticides 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.
<i>Horticultural crop</i>			
When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.			
<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
<i>Summer crops</i>	Germination stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.

	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
 <p>भारतीय ICAR</p>	<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 			

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Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18

Peren District

Bulletin No:23/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 24^oC to 27^oC and 12^oC to 13^oC, respectively.
- Relative humidity varied from 28% to 97%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 25th March 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 25^oC - 26^oC and the **min temp** 11^oC to 12^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 25% to 90%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly southerly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	<i>Clean cultivation should be maintained</i>
<i>Maize</i>	2 leaf stage		<i>Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.</i>

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
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	Summer crops	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		



SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Phek District

Bulletin No:23/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 12⁰C to 13⁰C, respectively.
- Relative humidity varied from 26% to 95%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 25th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 22⁰C - 23⁰C and the **min temp** 10⁰C to 11⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 26% to 95%.
- **Wind speed** may reach upto 3-4 kmph
Wind direction will be mostly easterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

	<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
	<i>Summer crops</i>	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	<i>Okra</i>	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	<i>Brinjal</i>	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	<i>Ginger / turmeric</i>	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
<i>Livestock</i>				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	<i>Poultry</i>	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	<i>Piggery</i>	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
<i>Fisheries</i>				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Tuensang District

Bulletin No:23/2018

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 25th March 2018</i>	
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Maximum and minimum temperatures ranged 20^oC to 22^oC and 8^oC to 9^oC, respectively. ▪ Relative humidity varied from 25% to 97%. ▪ 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 21^oC - 22^oC and the min temp 9^oC to 10^oC ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 22% to 89%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind direction will be southerly 	
<p>General Recommendations</p> <ul style="list-style-type: none"> • Resort to deep ploughing during summer season • Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects. • Bio-pesticides should be given priority over chemical pesticides 			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	<i>Clean cultivation should be maintained</i>
<i>Maize</i>	2 leaf stage		<i>Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.</i>
Horticultural crop			
When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.			
<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.

	Summer crops	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		

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Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18

Wokha District

Bulletin No:23/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 24^oC to 27^oC and 9^oC to 10^oC, respectively.
- Relative humidity varied from 26% to 97%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 25th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 26^oC - 27^oC and the **min temp** 11^oC to 12^oC
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 21% to 71%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be southeasterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
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	Summer crops	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
Livestock				
<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 				
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
Fisheries				
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		



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भारत कृषि अनुसंधान संस्थान
ICAR - RCNEH

ICAR RESEARCH COMPLEX FOR NEH REGION
(Indian Council of Agricultural Research)
NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Integrated Agromet Advisory Service Bulletin from 21st to 25th March '18 Zunheboto District

Bulletin No:23/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22^oC to 27^oC and 11^oC to 12^oC, respectively.
- Relative humidity varied from 27% to 95%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 25th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 26^oC - 27^oC and the **min temp** 11^oC to 12^oC
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 20% to 80%.
- **Wind speed** may reach upto 4-5 kmph
- **Wind direction** will be southeasterly

General Recommendations

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • Place sticky traps in the drying and storage areas for rats. • Storage rooms should be physically rodent and bird proof, if possible. • Inspect the stored seeds once a week for signs of insect infestation.
<i>Green gram</i>	Germination stage	-	Clean cultivation should be maintained
<i>Maize</i>	2 leaf stage		Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.

Horticultural crop

When mulches are used, care should be taken to inspect trees regularly for any termite activity to take appropriate control measures. Termite activity may be increased with mulch application.

<i>Citrus</i>	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
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	Summer crops	Germination stage	-	<i>Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.</i>
	Okra	Sowing stage	-	<i>As sowing is still carrying out, farmers should incorporate crop rotation so as to prevent disease infestation.</i>
	Brinjal	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Ginger / turmeric	Land preparation	-	<i>Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.</i>
	Livestock			
	<ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic Septicaemia, Anthrax 			
	Poultry	<ul style="list-style-type: none"> • Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. • During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality. • Increase the frequency of feeding. • Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day 		
	Piggery	<ul style="list-style-type: none"> • Feed when temperatures are lowest • Provide a good, level plane of nutrition before, during, and after breeding 		
	Fisheries			
		<ul style="list-style-type: none"> • Renovate the ponds. Strengthen embankments • In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha • In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.) • Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime. 		

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