



Integrated Agromet Advisory Service Bulletin from 25th to 29th March '17 Dimapur District

Bulletin No:22/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26°C to 27°C and 12°C to 15°C, respectively.
- Relative humidity varied from 17% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 29th March '17

- Probability of no rain the coming week.
- **Max temp** is likely to be 30°C - 32°C and the **min temp** 17°C to 18°C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 28% to 92%.
- **Wind speed** may reach upto 3- 4 kmph
Wind direction will be mostly easterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>
Horticultural crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories

Mandarin			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
Okra	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>
Potato	Flowering stage		<ul style="list-style-type: none"> • Light hoeing/ earthing up should be done for 40-45 days old plant.
		Potato aphids	<ul style="list-style-type: none"> • Check for potato aphids which transmits potato leaf curl virus. Aphids pierce veins, stems, growing tips, and blossoms with their needle-like mouthparts. As a result, blossoms shed and yield is reduced. New growth becomes stunted and curled. Heavily infested plants turn brown and die from the top down. Aphids tend to spread rapidly from field to field
		Early blight and late blight	<ul style="list-style-type: none"> • Remove the affected plant/parts and regular monitoring of field for disease should be done. • Provide proper earthing up (15cm height) to reduce the infection of tubers.
Cucurbits	Sowing stage		<ul style="list-style-type: none"> • In present weather condition, start sowing of cucurbits crops. Direct sowing can be done. • Seed should be treated with captan/Thiram @ 2 gm/kg of seed before sowing. Use well decomposed FYM 10-12 tonne/acre in the field after ploughing. • Spray <u>ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.</u>
Summer vegetables	Sowing stage		<ul style="list-style-type: none"> • For summer vegetables, land preparation can be started by ploughing to fine tilth. Application of 10-15 tons/ha of FYM is recommended. Maintain proper spacing while transplanting. After transplanting, irrigate the field immediately. Weeding and hoeing as and when needed. After the plants are established, carry out timely earthing up operation • Farmers are advised for transplanting of marigold seedlings in fields and sowing of seeds in nursery for summer crop.
Tomato	Maturity to harvesting stage		<ul style="list-style-type: none"> • Harvest during morning hours when the temperature is low. • For distant market, harvest at green mature stage. For local market, harvest at pink stage or ripe stage.

		Borer	<ul style="list-style-type: none"> • Installed bird perches in tomato crop to control fruit borer insect. • Handpicking of damaged fruit and burying are advised.
		Early blight and late blight	<ul style="list-style-type: none"> • Remove the disease infected plant parts and fruits. Regular monitoring of disease should be done. • Staking of plant reduces the disease incidence
Brinjal	Transplanting stage		<ul style="list-style-type: none"> • Transplanting of young seedlings of brinjal may be done in prepared fields. Seed treatment should be done. Use well decomposed FYM 10-12 tonne/acre in the field after ploughing.
Naga king chilli	Germination to transplanting stage (Nursery)	Damping off	<ul style="list-style-type: none"> • Avoid over watering and close spacing to avoid damping off • Provide good drainage facility to reduce water stagnation in the nursery as well as main field. • Before transplanting, dip the seedling in trichoderma application for 10 minutes
Fruit trees			Smoking reduces insect population drastically, also induces flowering, improves fruit setting. Place dry grass on the ground below the tree in a position where the wind can blow maximum smoke into the top of the tree, cover it with green aromatic leaves like lantana etc and lit the grass to produce smoke
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managemental practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		
Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval 		

**Fishery**

- Rake the pond bottom and allow to dry.
- Apply lime powder over dry surface of the pond bottom.
- Clear jungle and do minor repairing of dyke.

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 25th to 29th March'17

Kiphire District

Bulletin No:22/2017

Weather summary of the preceding week

- Medium rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 27°C and 11°C to 14°C, respectively.
- Relative humidity varied from 17% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 29°C - 31°C and the **min temp** 16°C to 17°C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 27% to 84%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March'17 Kohima District

Bulletin No:22/2017

Weather summary of the preceding week

- Medium rain occurred the past week
- Maximum and minimum temperatures ranged 24 °C to 30°C and 11°C to 14°C, respectively.
- Relative humidity varied from 17% to 90%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 17°C - 19°C and the **min temp** 11°C to 12°C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 27% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be easterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>
<i>Potato</i>	Flowering stage		<ul style="list-style-type: none"> • Light hoeing/ earthing up should be done for 40-45 days old plant.

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March '17 Longleng District

Bulletin No:22/2017

Weather summary of the preceding week		Weather forecast valid upto 29 th March '17	
<ul style="list-style-type: none">▪ Medium rain occurred the past week▪ Maximum and minimum temperatures ranged 24^oC to 27^oC and 12^oC to 14^oC, respectively.▪ Relative humidity varied from 22% to 95%.▪ 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 24^oC - 33^oC and the min temp 16^oC to 17^oC▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 28% to 97%.▪ Wind speed may reach upto 1- 2 kmph▪ Wind direction will be mostly southeasterly	
Field crops			
General Recommendations			
<ul style="list-style-type: none">• Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.• Pre kharif maize can be grown by taking the advantage of pre monsoon rain.• Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy			Maize and pulses should be grown as strip crop in hill slopes
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Sowing stage		Use only good quality seeds.
Green gram	Sowing		Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.
Horticultural crop			
Mandarin			<ul style="list-style-type: none">• During this season, single spray of bavistin (0.1%) should be done• After 15 days spray the bordeaux mixture (1%)
Okra	Sowing stage		Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.
Potato	Flowering stage		Light hoeing/ earthing up should be done for 40-45 days old

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March'17 Mokokchung District

Bulletin No:22/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26°C to 29°C and 13°C to 14°C, respectively.
- Relative humidity varied from 20% to 85%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 28°C - 30°C and the **min temp** 15°C to 17°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 28% to 90%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be southeasterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of seed.</i>

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March'17 Mon District

Bulletin No:22/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24°C to 29°C and 13°C to 15°C, respectively.
- Relative humidity varied from 22% to 95%
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 15°C to 16°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 28% to 97%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southeasterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>
<i>Potato</i>	Flowering stage		• Light hoeing/ earthing up should be done for 40-45 days old plant

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March '17

Peren District

Bulletin No:22/2017

Weather summary of the preceding week

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- Relative humidity varied from 17% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March '17

- Probability of no rain the coming week.
- Max temp** is likely to be 30°C - 33°C and the **min temp** 17°C to 18°C
- Sky is likely to be mainly clear** the coming week
- Relative Humidity** is likely to range from 28% to 91%.
- Wind speed** may reach upto 2- 4 kmph
- Wind direction** will be mostly easterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
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Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> During this season, single spray of bavistin (0.1%) should be done After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March '17 Phek District

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Weather forecast valid upto 29th March '17

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- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>

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 25th to 29th March'17 Tuensang District

Bulletin No:22/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 27°C and 12°C to 14°C, respectively.
- Relative humidity varied from 29% to 91%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 15°C to 16°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 27% to 95%.
- **Wind speed** may reach upto 1 - 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy			Maize and pulses should be grown as strip crop in hill slopes
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Sowing stage		Use only good quality seeds.
Green gram	Sowing		Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.

Horticultural crop

Mandarin			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
Okra	Sowing stage		Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.



Integrated Agromet Advisory Service Bulletin from 25th to 29th March'17 Wokha District

Bulletin No:22/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 27°C and 11°C to 12°C, respectively.
- Relative humidity varied from 16% to 94%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 29th March'17

- Probability of no rain the coming week.
- **Max temp** is likely to be 28°C - 32°C and the **min temp** 16°C to 17°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 29% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised.</i>

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Integrated Agromet Advisory Service Bulletin from 25th to 29th March'17 Zunheboto District

Bulletin No:22/2017

Weather summary of the preceding week

- Medium rain occurred the past week
- Maximum and minimum temperatures ranged 24°C to 27°C and 11°C to 13°C, respectively.
- Relative humidity varied from 29% to 93%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th March'17

- Probability of no rain the coming week.
- Max temp** is likely to be 30°C - 31°C and the **min temp** 15°C to 16°C
- Sky is likely to be partly cloudy** the coming week
- Relative Humidity** is likely to range from 28% to 94%.
- Wind speed** may reach upto 1- 2 kmph
- Wind direction** will be mostly southeasterly

Field crops

General Recommendations

- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.
- Pre kharif maize can be grown by taking the advantage of pre monsoon rain.
- Keeping weather in view, matured crops should be harvested at the earliest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>			<i>Maize and pulses should be grown as strip crop in hill slopes</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Sowing stage		<i>Use only good quality seeds.</i>
<i>Green gram</i>	Sowing		<i>Start sowing of green gram in prepared fields. Quality seeds should be procured from certified source. Seed treatment with specific rhizobium culture is also advised.</i>

Horticultural crop

<i>Mandarin</i>			<ul style="list-style-type: none"> During this season, single spray of bavistin (0.1%) should be done After 15 days spray the bordeaux mixture (1%)
<i>Okra</i>	Sowing stage		<i>Farmers should start sowing of ladies finger (bhindi). Before sowing, seed should be treated with captan or thiram @ 2gm/kg of seed and seed treatment with crop specific Azatobacter as well as phosphorus solubilising bacteria (PSB) one packet per acre seed is also advised. Insure optimum moisture before sowing for proper germination of crop.</i>

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