

Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Mokokchung District

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Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28°C - 29°C and the min temp 20°C to 22°C
26 ^o C to 31 ^o C and 13 ^o C to 19 ^o C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 20% to 85%.	■ Relative Humidity is likely to range from 36% to 89%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be southeasterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non- leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

egetative stage	Blast	Maintain field sanitation and adopt clean cultivation
		Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
egetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
egetative stage		Clean cultivation should be maintained

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

•	Removar and burning	g of previous ere	p deons and infected plant parts, Remove weeds at regular intervals
Mandarin			 During this season, single spray of bavistin (0.1%) should be done After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato aphids	• 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	 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	Vegetative stage		• Spray <u>ethrel</u> (<u>plant growth regulator</u>) <u>@0.2</u> 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.

		Livestock				
	Poultry	Provide clean and fresh water. All waterers should be cleaned daily				
		• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily				
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can surgreatly in extreme heat.				
Higp 31-ju ICAR	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. 				

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
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Mon District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
Light rain occurred the past week	■ Probability of light rain the coming week.
Maximum and minimum temperatures ranged	■ Max temp is likely to be 28°C - 29°C and the min temp 20°C to 22°C
27°C to 29°C and 13°C to 18°C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 22% to 95%	■ Relative Humidity is likely to range from 38% to 93%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southerly

Field crops

General Recommendations

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC			Crop rotation should be adopted to break the cycle between insect pests or
paddy			pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

• In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.

Mandarin			• During this season, single spray of bavistin (0.1%) should be done
			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato aphids	• 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	 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	Vegetative stage		• Spray 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting $(1x1x1)$ m3 pit size.
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper Infected inflorescence should be destroyed.

		Livestock
	Poultry	 Provide clean and fresh water. All waterers should be cleaned daily Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.
ыфзыц ІСА R	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.

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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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Peren District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 31°C and the min temp 19°C to 20°C
26°C to 31°C and 16°C to 18°C, respectively.	Sky is likely to be clear the coming week
■ Relative humidity varied from 17% to 95%.	■ Relative Humidity is likely to range from 36% to 90%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southerly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.

Green gram	Vegetative		Clean cultivation should be maintained			
	stage					
Horticultural crop						
• In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.						
 Maint 	ain proper sanitatio	n –				
✓ Re	emoval and burning	of previous cre	op debris and infected plant parts, Remove weeds at regular intervals			
Mandarin			• During this season, single spray of bavistin (0.1%) should be done			
			• After 15 days spray the bordeaux mixture (1%)			
Okra	Vegetative		Grow maize on borders as a barrier to prevent the entry of shoot & fruit			
	stage		borer adults.			
			Weeding should be done and earthing up should be carried out.			
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.			
		Potato	Check for potato aphids which transmits potato leaf curl virus. Aphids			
		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	Remove the affected plant/parts and regular monitoring of field for			
		and late blight	disease should be done.			
		ongii	• Provide proper earthing up (15cm height) to reduce the infection of tubers.			
Cucurbits	Vegetative		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true			
	stage		leaf stage and second spray at 4 true leaf stage to increase the number of			
			fruits.			
Summer	Vegetative		• For spring summer vegetables, the young seedlings should be taken care			
vegetables	stage		properly. Monitor the field for damping off and other fungal disease. Take proper measures.			
Brinjal	Transplanting stage		• 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	Transplanting	Damping	February sown king chilli may be transplanted in the field at 90-100cm			
	stage	off	spacing. Well decomposed FYM/vermicompost or other locally available			

			manures should be applied.			
	Fruit trees		Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.			
	Mango	Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.			
	Livestock					
	Poultry	Provide clean and fresh water	r. All waterers should be cleaned daily			
		• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily				
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.				
	Fishery	Rake the pond bottom and allow to dry.				
भाकु अनुप		Apply lime powder over dry :	surface of the pond bottom.			
• Clear jungle and do minor repairing of dyke.			pairing of dyke.			

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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Phek District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
 Light rain occurred the past week Maximum and minimum temperatures ranged 25°C to 31°C and 11°C to 18°C, respectively. Relative humidity varied from 17% to 95%. Wind speed ranged from 1 to 2 kmph 	

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

	Main	Stage	Pest/	Agro-meteorological Advisories
	Crops		Diseases	
	Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
-	TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
	Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.

Green gram	Vegetative		Clean cultivation should be maintained			
Green gram	stage		Cream cultivation should be maintained			
	3.0.5					
	Horticultural crop					
• In	nursery, to avoid d	lamping off, otl	her soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.			
• M	aintain proper sanit	tation –				
✓	Removal and bur	ning of previou	as crop debris and infected plant parts, Remove weeds at regular intervals			
Mandarin			• During this season, single spray of bavistin (0.1%) should be done			
			• After 15 days spray the bordeaux mixture (1%)			
Okra	Vegetative		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer			
	stage		adults.			
			Weeding should be done and earthing up should be carried out.			
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.			
		Potato	Check for notate applies which transmits notate leaf and virus. Applies pieces veins			
			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,			
		aphids	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	• Remove the affected plant/parts and regular monitoring of field for disease			
		and late	should be done.			
		blight	• Provide proper earthing up (15cm height) to reduce the infection of tubers.			
Cucurbits	Vegetative		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage			
	stage		and second spray at 4 true leaf stage to increase the number of fruits.			
Summer	Vegetative		• For spring summer vegetables, the young seedlings should be taken care properly.			
vegetables	stage		Monitor the field for damping off and other fungal disease. Take proper measures.			
Brinjal	Transplanting		• Transplanting of young seedlings of brinjal may be done in prepared fields. Seed			
	stage		treatment should be done. Use well decomposed FYM 10-12 tonne/acre in the field after ploughing.			
Naga king	Transplanting	Damping	February sown king chilli may be transplanted in the field at 90-100cm spacing.			
chilli	stage	off	Well decomposed FYM/vermicompost or other locally available manures should be			
			applied.			

	Fruit trees	Pits for fruit plantations should be ready for May size.	- June planting (1x1x1) m3 pit				
	Mango	Mango In mango orchard, farmers are advised for monitor hopper inflorescence should be destroyed.	ing the mango hopper. Infected				
	Livestock						
	Poultry	Provide clean and fresh water. All waterers should be cleaned daily					
		• Antibiotics or other stress medications may be added to water if desired and all water	rers should be cleaned daily				
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.					
ыфзыц ICAR	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. 					

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 29th April to 3rd May 17 Tuensang District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28 ^o C - 29 ^o C and the min temp 20 ^o C to 22 ^o C
25°C to 31°C and 12°C to 19°C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 29% to 91%.	■ Relative Humidity is likely to range from 30% to 90%.
 Wind speed ranged from 1 to 2 kmph 	■ Wind speed may reach upto 1 - 2 kmph
·	■ Wind direction will be mostly southerly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non- leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

Mandarin			During this season, single spray of bavistin (0.1%) should be done
1/14/1/44/1/4/1/			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato aphids	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	 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	Vegetative stage		• Spray <u>ethrel</u> (<u>plant growth regulator</u>) <u>@0.2</u> 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.
Mango		Mango	In mango orchard, farmers are advised for monitoring the mango hopper.

		hopper Infected inflorescence should be destroyed.
		Livestock
	Poultry	Provide clean and fresh water. All waterers should be cleaned daily
		• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.
\\\\ -\\\	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.
ыфзілц ІСА R		

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6	6		Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Wokha District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28°C - 29°C and the min temp 17°C to 19°C
25° C to 30° C and 11° C to 20° C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 16% to 94%.	■ Relative Humidity is likely to range from 32% to 84%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly
	T1 11

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation			
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.			
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.			
Green gram	Vegetative stage		Clean cultivation should be maintained			
	Horticultural crop					

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

Maradania		1	D : 1: (0.10) 1 111 1
Mandarin			• During this season, single spray of bavistin (0.1%) should be done
			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.
			Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		• Farmers are advised to monitor the field for the incidence of blight.
		Potato	Check for potato aphids which transmits potato leaf curl virus. Aphids
		aphids	pierce veins, stems, growing tips, and blossoms with their needle-like
		1	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	• Remove the affected plant/parts and regular monitoring of field for
		and late	disease should be done.
		blight	• Provide proper earthing up (15cm height) to reduce the infection of tubers.
Cucurbits	Vegetative stage		• Spray <u>ethrel</u> (<u>plant growth regulator</u>) <u>@0.2</u> 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.
Summer	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken
vegetables			care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting	Damping	February sown king chilli may be transplanted in the field at 90-100cm
chilli	stage	off	spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.

	Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
				Livestock
	Poultry	• Provide clean and f	resh water. All	waterers should be cleaned daily
		Antibiotics or other daily	r stress medica	tions may be added to water if desired and all waterers should be cleaned
	Piggery	shelter waterproof and well ventilated as they do not sweat and can suffer		
Hgp3FHI ICAR	Fishery	Rake the pond botteApply lime powderClear jungle and do	over dry surfa	ce of the pond bottom.

Sl.no	Name	Designation	Department	
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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Zunheboto District

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Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
 Light rain occurred the past week Maximum and minimum temperatures ranged 24°C to 31°C and 11°C to 19°C, respectively. Relative humidity varied from 29% to 93%. Wind speed ranged from 1 to 2 kmph 	■ Probability of light rain the coming week.
- while speed ranged from 1 to 2 kmph	Wind direction will be mostly southeasterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

		I Previous	T =
Mandarin			• During this season, single spray of bavistin (0.1%) should be done
			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato	• Check for potato aphids which transmits potato leaf curl virus. Aphids
		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	 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	Vegetative stage	5	• Spray ethrel (plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.

	Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
				Livestock
	Poultry	Provide clean an	d fresh water. A	All waterers should be cleaned daily
		Antibiotics or or daily	ther stress med	ications may be added to water if desired and all waterers should be cleaned
	Piggery	• During this seas greatly in extrem		the shelter waterproof and well ventilated as they do not sweat and can suffer
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Fishery	• Rake the pond bottom and allow to dry.		
XIII	Apply lime powder over dry surface of the pond bottom.			•
нірэніц ІСАВ		Clear jungle and	do minor repai	ring of dyke.

Sl.no	Name	Designation	Department	
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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17 Dimapur District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 29 ^o C to	■ Max temp is likely to be 30°C - 31°C and the min temp 18°C to 20°C
31°C and 15°C to 17°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 17% to 94%.	■ Relative Humidity is likely to range from 34% to 90%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly

Field crops

General Recommendations

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

• In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.

	in proper sanitation – moval and burning of		debris and infected plant parts, Remove weeds at regular intervals
Mandarin			 During this season, single spray of bavistin (0.1%) should be done After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		• Farmers are advised to monitor the field for the incidence of blight.
Cucurbits		Potato aphids	• 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	 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.
	Vegetative stage		 Spray 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.

		Livestock		
	Poultry	Provide clean and fresh water. All waterers should be cleaned daily		
		• Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily		
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.		
Higo steju ICAR	Fishery	 Prepare the pond Apply lime and organic manure in case of pond filled with water Remove aquatic weeds if infested Small ponds can be made ready for nursery rearing 		

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 29th April to 3rd May'17 Kiphire District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 27 ^o C - 29 ^o C and the min temp 18 ^o C to 19 ^o C
25° C to 30° C and 11° C to 18° C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 17% to 95%.	■ Relative Humidity is likely to range from 30% to 88%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southerly

Field crops

General Recommendations

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –

Mandarin			• During this season, single spray of bavistin (0.1%) should be done
			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato aphids	• 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	 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	Vegetative stage		• Spray 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.
Fruit trees			Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.

	Poultry	 Provide clean and fresh water. All waterers should be cleaned daily Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.
भाकुअनुम ICAR	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.

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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May'17Kohima District

Bulletin No:32/2017

Weather summary of the preceding week	Weather forecast valid upto 3 rd May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 24	■ Max temp is likely to be 28° C - 30° C and the min temp 18° C to 20° C
⁰ C to 30 ⁰ C and 11 ⁰ C to 14 ⁰ C, respectively.	• Sky is likely to be clear the coming week
■ Relative humidity varied from 17% to 90%.	■ Relative Humidity is likely to range from 35% to 94%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1- 2 kmph
	Wind direction will be easterly
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Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

M 1		, r r	
Mandarin			• During this season, single spray of bavistin (0.1%) should be done
			• After 15 days spray the bordeaux mixture (1%)
Okra	Vegetative stage		Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. Weeding should be done and earthing up should be carried out.
Potato	Maturing stage		Farmers are advised to monitor the field for the incidence of blight.
		Potato aphids	• 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	 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	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2</u> 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.
Summer vegetables	Vegetative stage		• For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures.
Brinjal	Transplanting stage		• 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	Transplanting stage	Damping off	February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.

	Fruit trees	Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.		
	Mango	Mango In mango orchard, farmers are advised for monitoring the mango hopper. hopper Infected inflorescence should be destroyed.		
		Livestock		
	Poultry	 Provide clean and fresh water. All waterers should be cleaned daily Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily 		
	• During this season, try to keep the shelter waterproof and well ventilated as they described suffer greatly in extreme heat.			
High siring ICAR	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. 		

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Integrated Agromet Advisory Service Bulletin from 29th April to 3rd May 17 Longleng District

	Weather forecast valid upto 3 rd May'17
	■ Probability of light rain the coming week.
24^{0} C	■ Max temp is likely to be 27 ^o C - 28 ^o C and the min temp 19 ^o C to 20 ^o C
	■ Sky is likely to be mainlyclear the coming week
	■ Relative Humidity is likely to range from 39% to 90%.
	■ Wind speed may reach upto 1- 2 kmph

Wind direction will be mostly southeasterly

Bulletin No:32/2017

Field crops

General Recommendations

• Light rain occurred the past week

to 27°C and 12°C to 14°C, respectively. • Relative humidity varied from 22% to 95%.

■ Wind speed ranged from 1 to 2 kmph

Weather summary of the preceding week

• Maximum and minimum temperatures ranged 2

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture
- Deep ploughing of fields after harvesting of *rabi* crops is advised so that eggs and pupating stages of insects and weed seeds are destroyed due to high day temperature.

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Clean cultivation should be maintained
		71	I I I

Horticultural crop

In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed. Maintain proper sanitation – ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals Mandarin • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%) Grow maize on borders as a barrier to prevent the entry of shoot & fruit Okra Vegetative stage borer adults. Weeding should be done and earthing up should be carried out. Maturing stage Potato • Farmers are advised to monitor the field for the incidence of blight. Potato • Check for potato aphids which transmits potato leaf curl virus. aphids 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 • Remove the affected plant/parts and regular monitoring of field for and late disease should be done. blight • Provide proper earthing up (15cm height) to reduce the infection of tubers. **Cucurbits** Vegetative stage • Spray 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. Vegetative stage • For spring summer vegetables, the young seedlings should be taken Summer care properly. Monitor the field for damping off and other fungal vegetables disease. Take proper measures. • Transplanting of young seedlings of brinjal may be done in prepared **Brinjal** Transplanting stage fields. Seed treatment should be done. Use well decomposed FYM 10-12 tonne/acre in the field after ploughing. February sown king chilli may be transplanted in the field at 90-100cm Naga king chilli Transplanting stage **Damping**

off

spacing. Well decomposed FYM/vermicompost or other locally

available manures should be applied.

	Fruit trees	Pits for fruit plantations should be ready for May - June planting (1x1x1) m3 pit size.		
	Mango	Mango In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.		
		Livestock		
	Poultry	 Provide clean and fresh water. All waterers should be cleaned daily Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily 		
	Piggery	• During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat.		
High 31-ju ICAR	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. 		

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