



Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Tuensang District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 21°C - 222°C and the min temp 12°C to 15°C
22^{0} C to 24^{0} C and 9^{0} C to 11^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 13% to 91%.	■ Relative Humidity is likely to range from 28% to 91%.
 Wind speed ranged from 1 to 2 kmph 	■ Wind speed may reach upto 2 - 3 kmph
	■ Wind direction will be mostly southerly

Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.	
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing. 	
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started	
			Horticultural crop	
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot 	
		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk	

			with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud		
		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.		
			• Spray Neem oil @ 10ml in 1 litre of water		
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.		
	& sowing		• Crop rotation should be done so as to prevent disease infestation.		
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.		
		Early blight and late blight	Regular monitoring of disease should be done.		
Summer vegetables			• 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.		
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 		
		Early blight and late blight	Regular monitoring of disease should be done.		
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.		
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off		
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.			
			Livestock		
Poultry	 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	 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.
Higo 31-jij ICA R	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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





Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Wokha District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of medium rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 22 ^o C - 25 ^o C and the min temp 12 ^o C to 14 ^o C
24°C to 27°C and 9°C to 12°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 33% to 92%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 2- 3 kmph
	Wind direction will be mostly southeasterly

Field crops

General Recommendations

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
			Horticultural crop
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot
		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of

			kerosene and water(1:1) and plug with mud	
		Scab,canker	 Spray with Bordeaux mixture@ 1% per litre of water. Spray Neem oil @ 10ml in 1 litre of water 	
Okra	Land preparation & sowing		 Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction. Crop rotation should be done so as to prevent disease infestation. 	
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.	
		Early blight and late blight	Regular monitoring of disease should be done.	
Summer vegetables			• 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.	
Tomato Maturity to harvesting stage Borer Helico • After h		Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 	
		Early blight and late blight	 Regular monitoring of disease should be done. 	
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.	
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off	
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.	
			Livestock	
Poultry	• Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production pote in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well use 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	• 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.			
भाकअनुप	Fishery	Harvest the fish in pond having less water depth			
ICAR		Strengthen pond embankment			
		Apply lime powder over dry surface of the pond bottom.			

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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
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com





Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Zunheboto District

Probability of light

■ Max temp is likely

Sky is likely to be

Relative Humidity

Wed

• Wind speed may reach upto 2- 4 kmph

Wind direction will be mostly southeasterly

Duitemi 10010/201/
ather forecast valid upto 15 th March'17
t rain the coming week. The train the coming week. It is to be 22°C - 25°C and the min temp 12°C to 17°C
mainly cloudy the coming week
y is likely to range from 25% to 95%.

Agro-meteorological Advisories

Bulletin No.18/2017

Weather summary of the preceding week No rain occurred the past week Maximum and minimum temperatures ranged 23°C to 26°C and 10°C to 11°C, respectively. Relative humidity varied from 13% to 90%. Wind speed ranged from 1 to 2 kmph

Stage

Pest/

Field crops

General Recommendations

Main

Crops		Diseases	
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
			Horticultural crop
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot

		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud
		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.
			Spray Neem oil @10ml in 1 litre of water
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.
	& sowing		Crop rotation should be done so as to prevent disease infestation.
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.
		Early blight and late blight	Regular monitoring of disease should be done.
Summer vegetables			• 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.
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae
		Early blight and late blight	 Regular monitoring of disease should be done.
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.
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off
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.
			Livestock
Poultry			is suitable for backyard poultry farming due to its high production potential in t 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	• 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	Harvest the fish in pond having less water depth
X(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Strengthen pond embankment
		Apply lime powder over dry surface of the pond bottom.
भाकअन्य		
ICAR		

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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Dimapur District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ light rain occurred the past week	■ Probability of medium rain the coming week.
■ Maximum and minimum temperatures ranged 25°C to	■ Max temp is likely to be 23° C - 25° C and the min temp 14° C to 16° C
27 ^o C and 10 ^o C to 15 ^o 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 31% to 95%.
■ 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

Stage

Pest/

Main Crops

• 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.

Agro-meteorological Advisories

William Crops		Diseases	rigio motor diagram rigitales
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
			Horticultural crops
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot

		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud
		Scab,canker	 Spray with Bordeaux mixture@ 1% per litre of water. Spray Neem oil @10ml in 1 litre of water
Okra	Land preparation & sowing		 Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction. Crop rotation should be done so as to prevent disease infestation.
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.
		Early blight and late blight	Regular monitoring of disease should be done.
Summer vegetables			• 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.
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae
		Early blight and late blight	Regular monitoring of disease should be done.
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.
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off
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.

		Livestock
	Poultry	 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	 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.
нарзиц ІСАК	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Kiphire District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of medium rain the coming week.
■ Maximum and minimum temperatures ran	ged Max temp is likely to be 23°C - 24°C and the min temp 15°C to 16°C
22^{0} C to 25^{0} C and 10^{0} C to 11^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 13% to 81%.	• Relative Humidity is likely to range from 21% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southerly

Field crops

General Recommendations

Stage	Pest/ Diseases	Agro-meteorological Advisories
		• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
		Horticultural crop
Harvesting stage & Storage	Trunk borer	 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and
	Land preparation Site selection/field preparation Harvesting stage	Land preparation Site selection/field preparation Harvesting stage & Storage

		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.
			Spray Neem oil @10ml in 1 litre of water
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.
	& sowing		• Crop rotation should be done so as to prevent disease infestation.
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.
		Early blight and late blight	Regular monitoring of disease should be done.
Summer vegetables			• 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.
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae
		Early blight and late blight	 Regular monitoring of disease should be done.
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.
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off
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.
			Livestock
Poultry	 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			ts 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.
ыфзыц ІСАК	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Kohima District

Bulletin No:18/2017

Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
	· · ·
■ No rain occurred the past week	■ Probability of medium rain the coming week.
■ Maximum and minimum temperatures ranged 23	■ Max temp is likely to be 24° C - 26° C and the min temp 14° C to 15° C
⁰ C to 27 ⁰ C and 10 ⁰ C to 11 ⁰ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 16% to 90%.	■ Relative Humidity is likely to range from 32% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2-3 kmph
	Wind direction will be southerly

Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
			Horticultural crop
Mandarin	Harvesting stage & Storage	Trunk borer	 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud

		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.
			Spray Neem oil @ 10ml in 1 litre of water
Okra	Land preparation		• Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.
_	& sowing		Crop rotation should be done so as to prevent disease infestation.
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.
		Early blight and late blight	Regular monitoring of disease should be done.
Summer			• For summer vegetables, land preparation can be started by ploughing to
vegetables			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.
Tomato	Maturity to harvesting stage	Borer	Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.
	narvesting stage		• After harvesting, deep ploughing of the crop should be done to expose
			the pupae
		Early blight and late blight	Regular monitoring of disease should be done.
Brinjal	Nursery	J	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.
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off
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.
			Livestock
Poultry	 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 bi		

	Piggery	 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.
ніфзі-ці ІСАК	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	ze Seyie Scientist Spices, Plantation & Medicinal &		
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Longleng District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 23 ^o C	■ Max temp is likely to be 23 ^o C - 24 ^o C and the min temp 14 ^o C to 15 ^o C
to 25° C and 10° C to 12° C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 13% to 90%.	■ Relative Humidity is likely to range from 37% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be southeasterly
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Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
		Н	orticultural crop
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot
		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud

		Scab,canker	• Spray with Bordeaux mixture@ 1% per litre of water.		
			Spray Neem oil @ 10ml in 1 litre of water		
Okra	Land preparation &		• Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.		
	sowing		• Crop rotation should be done so as to prevent disease infestation.		
Potato	Vegetative stage		• Light hoeing/ earthing up should be done for 40-45 days old plant.		
		Early blight and late blight	Regular monitoring of disease should be done.		
Summer vegetables	Summer vegetables to fine tilth. Application of 10-15 tons/ha of FY Maintain proper spacing while transplanting. irrigate the field immediately. Weeding and h needed. After the plants are established, carry or		• 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.		
Tomato	Maturity to Borer harvesting stage		 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 		
		Early blight and late blight	 Regular monitoring of disease should be done. 		
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.		
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off		
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.		
	Livestock				
Poultry	 Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potenti in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well und 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	 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.
High strip in the	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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 11th to 15th March'17 Mokokchung District

Bulletin No:18/2017
March'17

Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 23 ^o C - 24 ^o C and the min temp 14 ^o C to 15 ^o C
26° C to 27° C and 9° C to 12° C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 14% to 82%.	■ Relative Humidity is likely to range from 32% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be southeasterly

Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing.
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started
			Horticultural crop
Mandarin	Harvesting stage & Storage	Trunk borer	 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud

		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.			
			• Spray Neem oil @10ml in 1 litre of water			
			• Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.			
	& sowing		• Crop rotation should be done so as to prevent disease infestation.			
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.			
		Early blight and late blight	Regular monitoring of disease should be done.			
Summer vegetables			• 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.			
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 			
		Early blight and late blight	 Regular monitoring of disease should be done. 			
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.			
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off			
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.			
	Livestock					
Poultry	 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	 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
1111	Fishery	 Deworming of pig at every 6 month interval. Harvest the fish in pond having less water depth
	risnery	 • Harvest the fish in point having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.
भाकुंअनुप ICAR		

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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Mon District

Bulletin No:18/2017

Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of medium rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 23 ^o C - 24 ^o C and the min temp 15 ^o C to 16 ^o C
26°C to 27°C and 10°C to 13°C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 13% to 95%	■ Relative Humidity is likely to range from 31% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be southeasterly

Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.	
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing. 	
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started	
			Horticultural crop	
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot 	
		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud	

		~ 1 1			
		Scab,canker	• Spray with Bordeaux mixture@ 1% per litre of water.		
01	T 1		• Spray Neem oil @ 10ml in 1 litre of water		
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.		
The state of the s	& sowing		• Crop rotation should be done so as to prevent disease infestation.		
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.		
		Early blight and late blight	• Regular monitoring of disease should be done.		
Summer vegetables			• 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.		
harvesting stage Helicoverpa larvae. • After harvesting, deep ploughing of the crop should be		 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 			
		Early blight and late blight	 Regular monitoring of disease should be done. • 		
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.		
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off		
Fruit trees	• Smoking reduces insect population drastically, also induces floweri improves fruit setting. Place dry grass on the ground below the tree in 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		• 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.		
			Livestock		
 Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production poter in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well us 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					



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- Harvest the fish in pond having less water depth
 Strengthen pond embankment
 Apply lime powder over dry surface of the pond bottom.

Sl.no	Name	Designation	Department	
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Peren District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	■ Probability of medium rain the coming week.
Maximum and minimum temperatures ranged	■ Max temp is likely to be 23 ^o C - 26 ^o C and the min temp 13 ^o C to 15 ^o C
24° C to 27° C and 10° C to 12° C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 17% to 86%.	■ Relative Humidity is likely to range from 34% to 94%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly
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Field crops

General Recommendations

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.	
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing. 	
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started	
			Horticultural crop	
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot 	
		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud	

		Scab,canker	 Spray with Bordeaux mixture@ 1% per litre of water. Spray Neem oil @10ml in 1 litre of water 		
Okra	Land preparation & sowing		 Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction. Crop rotation should be done so as to prevent disease infestation. 		
Potato	Vegetative stage		• Light hoeing/earthing up should be done for 40-45 days old plant.		
	Suige	Early blight and late blight	Regular monitoring of disease should be done.		
Summer vegetables			• 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.		
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 		
		Early blight and late blight	Regular monitoring of disease should be done.		
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.		
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off		
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.		
			Livestock		
Poultry	 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	• 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	Harvest the fish in pond having less water depth						
	Strengthen pond embankment						
	Apply lime powder over dry surface of the pond bottom.						

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Integrated Agromet Advisory Service Bulletin from 11th to 15th March'17 Phek District

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Weather summary of the preceding week	Weather forecast valid upto 15 th March'17
■ No rain occurred the past week	Probability of medium rain the coming week.
■ Maximum and minimum temperatures	
ranged 22° C to 25° C and 10° C to 13° C,	■ Sky is likely to be mainly clear the coming week
respectively.	■ Relative Humidity is likely to range from 23% to 95%.
■ Relative humidity varied from 14% to 90%.	■ Wind speed may reach upto 2- 4 kmph
■ Wind speed ranged from 1 to 2 kmph	Wind direction will be mostly southerly

Field crops

General Recommendations

Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
TRC/WRC paddy			• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.		
Summer maize	Land preparation		 Pre -kharif maize should be cultivated by taking the advantage of pre monsoon rain. Seed treatment is recommended before sowing. 		
Green gram	Site selection/field preparation		• For timely sowing of the seeds, site selection and field preparation should be started		
	Horticultural crop				
Mandarin	Harvesting stage & Storage		 Remove and discard all fruit after harvest. Strict sanitation is essential. Fruit left on the tree is breeding ground for late season flies Harvest at right maturity stage, avoid physical injuries. Harvested fruits should be kept under proper storage condition to ensure longer shelf life. Check for penicillium rot 		

		Trunk borer	• To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud	
		Scab,canker	Spray with Bordeaux mixture@ 1% per litre of water.	
			Spray Neem oil @10ml in 1 litre of water	
Okra	Land		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.	
	preparation & sowing		Crop rotation should be done so as to prevent disease infestation.	
Potato	Vegetative • Light hoeing/ earthing up should be done for 40-45 days old plant. stage		• Light hoeing/earthing up should be done for 40-45 days old plant.	
		Early blight and late blight	Regular monitoring of disease should be done.	
Summer			• For summer vegetables, land preparation can be started by ploughing to fine tilth.	
vegetables			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.	
Tomato	Maturity to harvesting stage	Borer	 Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae 	
		Early blight and late blight	Regular monitoring of disease should be done.	
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.	
Naga king chilli	Germination stage (Nursery)	Damping off	Avoid over watering and close spacing to avoid damping off	
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.	
Livestock				
Poultry	• Vanaraja, a du	ial purpose bird	d 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	 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.
нфзі-ц ІСАК	Fishery	 Harvest the fish in pond having less water depth Strengthen pond embankment Apply lime powder over dry surface of the pond bottom.

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