




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

Bulletin No:18/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15th March'17</i>
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 24⁰C and 9⁰C to 11⁰C, respectively. Relative humidity varied from 13% to 91%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 21⁰C - 22⁰C and the min temp 12⁰C to 15⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 28% to 91%. Wind speed may reach upto 2 - 3 kmph Wind direction will be mostly southerly
<i>Field crops</i>			
<i>General Recommendations</i>			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
<i>Horticultural crop</i>			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> To kill the trunk borer grubs, clean the bored holes of the infested trunk

				<i>with iron wire and insert a cotton swab soaked in the mixture of kerosene and water(1:1) and plug with mud</i>
			Scab,canker	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
	Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
	Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
			Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
	Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
	Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
			Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
	Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
	Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
	Livestock			
	Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managemental practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. 		

		<ul style="list-style-type: none"> • Vaccinate the bird against Ranikhet disease
	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




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

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March '17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 27⁰C and 9⁰C to 12⁰C, respectively. Relative humidity varied from 16% to 94%. Wind speed ranged from 2 to 4 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 22⁰C - 25⁰C and the min temp 12⁰C to 14⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 33% to 92%. Wind speed may reach upto 2- 3 kmph Wind direction will be mostly southeasterly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

				<i>kerosene and water(1:1) and plug with mud</i>
			Scab,canker	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
	Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
	Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
			Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
	Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
	Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
			Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
	Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
	Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
	Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
	Livestock			
	Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. 		

		<ul style="list-style-type: none"> • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease
	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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

Bulletin No:18/2017

Weather summary of the preceding week

- No rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 26⁰C and 10⁰C to 11⁰C, respectively.
- Relative humidity varied from 13% to 90%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 15th March '17

- Probability of light rain the coming week.
- **Max temp** is likely to be 22⁰C - 25⁰C and the **min temp** 12⁰C to 17⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 25% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

General Recommendations


- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> • Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> • 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		<ul style="list-style-type: none"> • For timely sowing of the seeds, site selection and field preparation should be started

Horticultural crop

Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> • 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
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			Trunk borer	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Spray with Bordeaux mixture@ 1% per litre of water. Spray Neem oil @10ml in 1 litre of water
	Okra	Land preparation & sowing		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> Light hoeing/ earthing up should be done for 40-45 days old plant.
			Early blight and late blight	<ul style="list-style-type: none"> Regular monitoring of disease should be done.
	Summer vegetables			<ul style="list-style-type: none"> For summer vegetables, land preparation can be started by ploughing to fine tilth. Application of 10-15 tons/ha of FYM is recommended. Maintain proper spacing while transplanting. After transplanting, irrigate the field immediately. Weeding and hoeing as and when needed. After the plants are established, carry out timely earthing up operation.
	Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae
			Early blight and late blight	<ul style="list-style-type: none"> Regular monitoring of disease should be done.
	Brinjal	Nursery		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Avoid over watering and close spacing to avoid damping off
	Fruit trees			<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low 		

		feeding and managemental practices due to its adaptability and local climatic conditions. <ul style="list-style-type: none"> • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease
	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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

Bulletin No:18/2017

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 25⁰C to 27⁰C and 10⁰C to 15⁰C, respectively.
- Relative humidity varied from 17% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 15th March'17

- Probability of medium rain the coming week.
- Max temp** is likely to be 23⁰C - 25⁰C and the **min temp** 14⁰C to 16⁰C
- Sky is likely to be mainly cloudy** the coming week
- Relative Humidity** is likely to range from 31% to 95%.
- Wind speed** may reach upto 2- 4 kmph
- Wind direction** will be mostly southeasterly

Field crops

General Recommendations


- Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Spray with Bordeaux mixture@ 1% per litre of water. Spray Neem oil @10ml in 1 litre of water
	Okra	Land preparation & sowing		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> Light hoeing/ earthing up should be done for 40-45 days old plant.
			Early blight and late blight	<ul style="list-style-type: none"> Regular monitoring of disease should be done.
	Summer vegetables			<ul style="list-style-type: none"> For summer vegetables, land preparation can be started by ploughing to fine tilth. Application of 10-15 tons/ha of FYM is recommended. Maintain proper spacing while transplanting. After transplanting, irrigate the field immediately. Weeding and hoeing as and when needed. After the plants are established, carry out timely earthing up operation.
	Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae
			Early blight and late blight	<ul style="list-style-type: none"> Regular monitoring of disease should be done.
	Brinjal	Nursery		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Avoid over watering and close spacing to avoid damping off
	Fruit trees			<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managemental practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease
	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • 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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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




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

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 25⁰C and 10⁰C to 11⁰C, respectively. Relative humidity varied from 13% to 81%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 23⁰C - 24⁰C and the min temp 15⁰C to 16⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 21% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southerly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @ 10ml in 1 litre of water</i>
Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@ 15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		
Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 		

		Keep floor dry to avoid skin diseases. <ul style="list-style-type: none"> • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




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

Kohima District

Bulletin No:18/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15th March '17</i>
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 23^oC to 27^oC and 10^oC to 11^oC, respectively. Relative humidity varied from 16% to 90%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 24^oC - 26^oC and the min temp 14^oC to 15^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 32% to 95%. Wind speed may reach upto 2- 3 kmph Wind direction will be southerly
<i>Field crops</i>			
<i>General Recommendations</i>			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
<i>Horticultural crop</i>			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		

	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




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

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 10⁰C to 12⁰C, respectively. Relative humidity varied from 13% to 90%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 23⁰C - 24⁰C and the min temp 14⁰C to 15⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 37% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be southeasterly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
Okra	Land preparation & sowing			<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage			<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight		<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Summer vegetables				<ul style="list-style-type: none"> • <i>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.</i>
Tomato	Maturity to harvesting stage	Borer		<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight		<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
Brinjal	Nursery			<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off		<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees				<ul style="list-style-type: none"> • <i>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.</i>
Livestock				
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. 			

		<ul style="list-style-type: none"> • Vaccinate the bird against Ranikhet disease
	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




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

Bulletin No:18/2017

Weather summary of the preceding week		Weather forecast valid upto 15 th March'17	
<ul style="list-style-type: none">▪ No rain occurred the past week▪ Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 9⁰C to 12⁰C, respectively.▪ Relative humidity varied from 14% to 82%.▪ Wind speed ranged from 1 to 2 kmph		<ul style="list-style-type: none">▪ Probability of light rain the coming week.▪ Max temp is likely to be 23⁰C - 24⁰C and the min temp 14⁰C to 15⁰C▪ Sky is likely to be mainly cloudy the coming week▪ Relative Humidity is likely to range from 32% to 95%.▪ Wind speed may reach upto 2- 4 kmph▪ Wind direction will be southeasterly	
Field crops			
General Recommendations <ul style="list-style-type: none">• Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none">• Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none">• 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		<ul style="list-style-type: none">• For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managemental practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		

	Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval.
	Fishery	<ul style="list-style-type: none"> • Harvest the fish in pond having less water depth • Strengthen pond embankment • Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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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 Mon District

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 26^oC to 27^oC and 10^oC to 13^oC, respectively. Relative humidity varied from 13% to 95% Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 23^oC - 24^oC and the min temp 15^oC to 16^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 31% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be southeasterly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage		<ul style="list-style-type: none"> • <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i>
Summer vegetables			<ul style="list-style-type: none"> • <i>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.</i>
Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
Brinjal	Nursery		<ul style="list-style-type: none"> • <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> • <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees			<ul style="list-style-type: none"> • <i>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.</i>
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		
Piggery	<ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval. 		



Fishery

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

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March '17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 27⁰C and 10⁰C to 12⁰C, respectively. Relative humidity varied from 17% to 86%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 23⁰C - 26⁰C and the min temp 13⁰C to 15⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 34% to 94%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
TRC/WRC paddy			<ul style="list-style-type: none"> Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Land preparation		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> For timely sowing of the seeds, site selection and field preparation should be started
Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <i>Spray with Bordeaux mixture@ 1% per litre of water.</i> • <i>Spray Neem oil @10ml in 1 litre of water</i>
Okra	Land preparation & sowing		<ul style="list-style-type: none"> • <i>Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.</i> • <i>Crop rotation should be done so as to prevent disease infestation.</i>
Potato	Vegetative stage		• <i>Light hoeing/ earthing up should be done for 40-45 days old plant.</i>
		Early blight and late blight	• <i>Regular monitoring of disease should be done.</i>
Summer vegetables			• <i>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.</i>
Tomato	Maturity to harvesting stage	Borer	<ul style="list-style-type: none"> • <i>Tomato plants should be stacked and hand collect and destroy the Helicoverpa larvae.</i> • <i>After harvesting, deep ploughing of the crop should be done to expose the pupae</i>
		Early blight and late blight	<ul style="list-style-type: none"> • <i>Regular monitoring of disease should be done.</i> •
Brinjal	Nursery		• <i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Naga king chilli	Germination stage (Nursery)	Damping off	• <i>Avoid over watering and close spacing to avoid damping off</i>
Fruit trees			• <i>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.</i>
Livestock			
Poultry	<ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease 		



Piggery	<ul style="list-style-type: none">• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.• Do AI (Artificial Insemination) in sow for breeding purpose• Deworming of pig at every 6 month interval.
Fishery	<ul style="list-style-type: none">• Harvest the fish in pond having less water depth• Strengthen pond embankment• Apply lime powder over dry surface of the pond bottom.

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Integrated Agromet Advisory Service Bulletin from 11th to 15th March '17 Phek District

Bulletin No:18/2017

Weather summary of the preceding week			Weather forecast valid upto 15 th March '17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 25⁰C and 10⁰C to 13⁰C, respectively. Relative humidity varied from 14% to 90%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of medium rain the coming week. Max temp is likely to be 23⁰C - 25⁰C and the min temp 10⁰C to 14⁰C Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 23% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southerly
Field crops			
General Recommendations			
<ul style="list-style-type: none"> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility. 			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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Horticultural crop			
Mandarin	Harvesting stage & Storage		<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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
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	Potato	Vegetative stage		<ul style="list-style-type: none"> Light hoeing/ earthing up should be done for 40-45 days old plant.
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	Naga king chilli	Germination stage (Nursery)	Damping off	<ul style="list-style-type: none"> Avoid over watering and close spacing to avoid damping off
	Fruit trees			<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managerial practices due to its adaptability and local climatic conditions. 		

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