

# UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU GRAMIN KRISHI MAUSAM SEWA(GKMS) AMFU OF IMD, BENGALURU



Date: 06.12.2022

#### AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Significant past weather for the preceding week

Parameter	02.12.2022	03.12.2022	04.12.2022	05.12.2022	06.12.2022
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	24.6	27.2	27.2	27.2	27.6
Min.Temp (°C)	18.0	19.0	18.6	18.4	18.2
Sky condition (Octas)	4	6	3	3	6
Relative humidity (%) 0830 hours	93	91	94	92	94
Relative humidity (%) 1730 hours	56	55	54	55	
Wind Speed (Kmph)	3.6	5.4	6.2	6.7	4.5
Wind Direction	90	45	45	90	90

### Weather forecast (Valid from 07-12-2022 to 11-12-2022)

#### Forecast summary:

Parameters	07.12.2022	08.12.2022	09.12.2022	10.12.2022	11.12.2022
Rainfall (mm)	0	0	4	12	11
Max Temp Trend ( °C)	28	25	24	26	27
Min Temp Trend ( °C)	18	18	18	19	19
Total cloud cover (octa)	4	4	5	5	5
Relative humidity (%)Max	86	86	88	88	90
Relative humidity (%)Min	65	65	67	67	69
Wind speed(Km/hr)	6	7	8	8	9
Wind Direction (Degrees)	63	20	28	117	112

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 24.0-28.0°C and Minimum of 18.0-19.0°C. Relative humidity 86-90 % during morning hrs and 65-69 % during noon is expected. Wind speed is 6-9 km/hr.

### **Weather Based Agro Advisories**

Crop information and Crop Stages of the major Kharif/Rabi crops

District	Kharif crops			Horticulture crops		
Bangalore	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
Urban (BU)		PF,GF, M	М,Н		-	

G: Germination, S: Sowing, EV: Early vegetative, VG: Vegetative growth, TR: Tranplanting, PI: Peg initiation, FLI: Flag leaf initiation, F: Flowering, PF: Pod formation, PM: Pod Maturity, T: Tillering,, Ts: Taselling, E: Ear head emergence, GF: Grain filling, H: Harvesting IBI: Inflorescence Bud initiation, PP(V): Pod Picking Vegetable, F& FS: Flowering to fruit setting, FD: Fruit Development, H: Harvesting, M: Maturation, B: Branching

## **Agromet Advisory:**

Crop/ Component	Stage/ Condition	<b>Pest and Disease</b>	Agro advisories	
General		• Jyestha rainstar starts from December 3 <sup>rd</sup> to December 15 <sup>th</sup> . The		
		normal rainfall of Jyestha rainstar is 7.7 mm.		

Field bean-HA-3 and 4 and sunflower-KBSH-1,41,42, 44 & 5 cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose Horse gram-PHG-9, KBH-1     The grains of the harvested crops should be properly dried be retaining moisture percentage of Cereals 11-12 %, Pulses-9% Oilseeds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.     To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet     Crop can be harvested by picking carheads     Advised for harvested crops cleaning, drying and storage in dry gunny bag.     Advised for harvested produce properly.  Maize Harvesting     Advised for harvested produce properly.  I Matured cobs can be harvested by hand picking     Dry the harvested produce properly.  Groundnut Harvesting     Crop can be harvested by uprooting plants and pods can be separated     Dry the harvested produce properly.  Horticulture crop  Mango Flower bud initiation and Flowering     Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.     Clear the weeds such as lantana which are growing under the mango tree.     Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage spraying the mange in terms of the property of the property of the property.						
cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose Horse gram- PHG-9, KBH-1  • The grains of the harvested crops should be properly dried be retaining moisture percentage of Cereals 11-12 %, Pulses-9% Oilseeds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.  • To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet  I Crop can be harvested by picking earheads 2. Advised for harvested grobs cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Maize  Harvesting  I Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  I Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  I Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper. 5. Spray Lamda Cyhalothrin SEC @ 0.5 ml/ litre of water or sulpho dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			The following crops are suggested for sowing.			
Horse gram- PHG-9, KBH-1  The grains of the harvested crops should be properly dried be retaining moisture percentage of Cereals 11-12 %, Pulses-9% Oilseeds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.  To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet  Harvesting  1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Maize  Harvesting  1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachorprid @ 0.3m litre of water for management of leaf hopper. 5. Spray Lamda Cyhalothrin SEC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			• Field bean-HA-3 and 4 and sunflower-KBSH-1,41,42, 44 & 53,			
The grains of the harvested crops should be properly dried be retaining moisture percentage of Cereals 11-12 %, Pulses-9% Oilsceds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.   To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.   To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.   To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.   To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.   To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.   To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose).			
retaining moisture percentage of Cereals 11-12 %, Pulses-99 Oilseeds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.  To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet  Harvesting  1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Harvesting  1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phancroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or lmidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			Horse gram- PHG-9, KBH-1			
Oilseeds-8% and Vegetable seeds 5-6% for long storage & als minimize the store pest damage.  • To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet  Harvesting  1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Maize  Harvesting  1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			• The grains of the harvested crops should be properly dried by			
minimize the store pest damage.  To protect the pulse grains from storage pests apply oils of Casto linseed/honge/neem oil @ 3-5 ml per kg of grains.  Finger millet  Harvesting  1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Maize  Harvesting  1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  1. Crop can be harvested by hand picking 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			retaining moisture percentage of Cereals 11-12 %, Pulses-9%,			
Finger millet  Harvesting  Acchanical harvested by picking earheads  Acchanical harvested produce properly.  Maize  Harvesting  Harvesting  Harvesting  Harvesting  Acchanical harvested produce properly.  Maize  Harvesting  Dry the harvested produce properly.  Crop can be harvested by uprooting plants and pods can be separated  Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  Flowering  Flowering  Flowering  Flowering  Flowering  Acchanical harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  Flowering  Leaf hopper and Powdery mildew disease incidence is more before flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			Oilseeds-8% and Vegetable seeds 5-6% for long storage & also			
Finger millet  Harvesting 1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag.  3. Mechanical harvesting is possible in non lodged crops.  4. Dry the harvested produce properly.  Maize Harvesting 1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Groundnut Harvesting 1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango Flower bud initiation and Flowering 1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			minimize the store pest damage.			
Finger millet  Harvesting 1. Crop can be harvested by picking earheads 2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops.  Harvesting 1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting 1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Harvesting 1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop 1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.  initiation and Flowering 1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.  2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			• To protect the pulse grains from storage pests apply oils of Castor/			
millet  2. Advised for harvested crops cleaning, drying and storage in dry gunny bag. 3. Mechanical harvesting is possible in non lodged crops. 4. Dry the harvested produce properly.  Maize  Harvesting 2. Dry the harvested by hand picking 2. Dry the harvested produce properly.  Groundnut  Harvesting 1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulph dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
gunny bag.  3. Mechanical harvesting is possible in non lodged crops.  4. Dry the harvested produce properly.  Maize  Harvesting  1. Matured cobs can be harvested by hand picking 2. Dry the harvested produce properly.  Harvesting  1. Crop can be harvested by uprooting plants and pods can be separated 2. Dry the harvested produce properly.  Horticulture crop  Mango  Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or limidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry	Finger	Harvesting	1. Crop can be harvested by picking earheads			
3. Mechanical harvesting is possible in non lodged crops.	millet		2. Advised for harvested crops cleaning, drying and storage in dry			
Maize			gunny bag.			
Harvesting   1. Matured cobs can be harvested by hand picking   2. Dry the harvested produce properly.			3. Mechanical harvesting is possible in non lodged crops.			
2. Dry the harvested produce properly.			4. Dry the harvested produce properly.			
To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the harvested by uprooting plants and pods can be separated   2. Dry the harvested produce properly.   Horticulture crop	Maize	Harvesting	<ol> <li>Matured cobs can be harvested by hand picking</li> </ol>			
Separated 2. Dry the harvested produce properly.  Horticulture crop  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper. 5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			1 1 1			
2. Dry the harvested produce properly.   Horticulture crop	Groundnut	Harvesting	1. Crop can be harvested by uprooting plants and pods can be			
Horticulture crop  Flower bud initiation and Flowering Flowering Flowering  The weeds in Mango orchard/Guava/Sapota put it under the basin as mulch.  If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  Remove the weeds such as lantana which are growing under the mango tree.  Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphordust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			_			
Flower bud initiation and Flowering  1. Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. 2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion. 3. Remove the weeds such as lantana which are growing under the mango tree. 4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper. 5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphed dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			2. Dry the harvested produce properly.			
basin as mulch.  2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphudust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			Horticulture crop			
Flowering  2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry	Mango	Flower bud	1. Clear the weeds in Mango orchard/Guava/Sapota put it under the			
Flowering  2. If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more before flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			basin as mulch.			
that portion.  3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphed dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry		initiation and	2. If Phaneroganic plants are growing on the mango tree to cut/prune			
3. Remove the weeds such as lantana which are growing under the mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulpht dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry		Flowering	out completely and apply Bordeaux paste or Copper oxy chloride			
mango tree.  4. Leaf hopper and Powdery mildew disease incidence is more befor flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry		_	that portion.			
<ul> <li>4. Leaf hopper and Powdery mildew disease incidence is more before flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.</li> <li>5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphudust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.</li> <li>6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.</li> <li>Animal Husbandry</li> <li>1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry</li> </ul>			3. Remove the weeds such as lantana which are growing under the			
flowering and immediately after fruit formation to manage sprayin of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			mango tree.			
of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3m litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			4. Leaf hopper and Powdery mildew disease incidence is more before			
litre of water for management of leaf hopper.  5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			flowering and immediately after fruit formation to manage spraying			
5. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphu dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry			of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/			
dust (SULTAF) 80 W @3g/litre of water against the Powder mildew diseases.  6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
mildew diseases. 6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
6. If the incidence of Leaf hopper is severe spray Azadirachtin (10,00 ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
ppm) @ 7.0 ml/ litre of water.  Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
Animal Husbandry  1. To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
To protect animals from a sudden drop in temperature, keep the animals in a covere shed/area during the night. The bedding/hay in the animal sheds must be kept dry						
shed/area during the night. The bedding/hay in the animal sheds must be kept dry	-		Animal Husbandry			
		<ol> <li>To prote</li> </ol>	ect animals from a sudden drop in temperature, keep the animals in a covered			
and changed/aired every day.		shed/area during the night. The bedding/hay in the animal sheds must be kept dry				
2. Due some should be delen de de mellen en fill 1. C. 1. C. 1. C. 1. C. 1.						
· · · · · · · · · · · · · · · · · · ·		2. Due care should be taken to store/procure fodder for periods of shortage that may				
occur during the winter months in certain areas. Perennial grasses must be cut at thi						
time.		time.				
Sericulture			Sericulture			
1. White muscardine: caused by <i>Beauveria bassiana</i> ,		1. White n	nuscardine: caused by Beauveria bassiana,			
2. Manage the humidity in the rearing house by providing good cross-ventilation. Du			· · · · · · · · · · · · · · · · · · ·			
dry slaked lime powder when silkworms settle for moult.						
3. Feed silkworms with adequate quantity of mulberry leaves to avoid the accumulation						
of left over leaves in the rearing bed. Make sure that the silkworm bed is dry an						

	thin.
4.	If the silkworm rearing house temperature falls below 22°C, raise it using room
	heater / charcoal stove.
5.	Collect muscardine affected larvae from the rearing bed before mummification, dust
	antimuscardine bed disinfectant and finally burn them. Do not throw them on the
	street or feed to animals / birds.
6.	Dust Vijetha and Vijetha Supplement or Ankush bed disinfectant as per
	recommended schedule or dust any recommended anti-muscardine bed disinfectant
	as per the schedule.
	Poultry
1.	The poultry house should be located in such a way that long axis is in east-west
	direction. This will prevent the direct sunshine over the birds.
2.	Beginning at one day of age, the chick should be housed at a temperature 35° C will
	maintain one week, at a relative humidity between $40 - 60\%$ after wards 2 to 4
	weeks temperature decreases every week by 2° C.
3.	Provide artificial brooding to chicks to maintain adequate temperature.
4.	Care should be taken to prevent the chicks from being exposed to wind chill.
5.	Sides should be covered with curtains during cool hours of the day.
6.	Wet litter material should be removed regularly
7.	Ensure proper cross ventilation to avoid ammonia accumulation

AMFU of IMD Bengaluru

**Important Note:** Farmers are informed to use the APPs & Videos related to Weather information: MEGHDOOT, MAUSAM AND DAMINI APPS. This information is available in the website: *mausam.imd.gov.in*