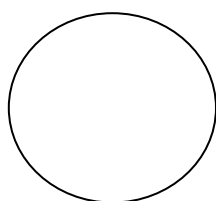


SPRAY SCHEDULE YEAR 2022

(MANGO & CITRUS)



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SPRAY SCHEDULE FOR THE CONTROL OF INSECT/PEST & DISEASES OF MANGO FOR THE YEAR 2022

S. No.	Time/Tree Stage	Name of Chemical	Quantity of Chemical for 200 L of Water	Control of Diseases
1.	2.	3.	4.	5.
1.	January	KMS or NAA	120 gm 40 gm	Malformation
2.	Feb-March (Before Flowering)	Imidacloprid Wettable Sulphur or Hexaconazole	50 ml 1000 gm 100 ml	Hopper Powdery Mildew
3.	March-April (Pea Stage)	Hexaconazole Monocrotophos* or Imidacloprid or Oxy-demeton methyl	100 ml 200 ml 50 ml 200ml	Powdery Mildew Mealy Bug/Hopper Hopper Hopper
4.	May-June	If the plants are severely infested with insects, then spray any one of the insecticides recommended in the month of Feb-March.		
5.	July-August	Bait spray (Malathion*+Jaggery) (400 ml+2 Kg) Collect the infested and fallen fruits and dig them		Fruit Fly
6.	September	If the plants are infested with the insects, then spray Monocrotophos* or Oxy-demeton methyl recommended in the month of March-April.		
7.	October	For the control of Malformation, spray any one of the insecticides recommended in the month of January.		

Note :- Points for consideration.

1. For the control of fruit fly of Mango, install para-pheromone lure traps to catch adults of fruit flies during the month of April to Sept.

Method of preparation: Dip the pieces of ply board measuring 80x20x18 mm in ethanol, methyl uzinol and malathion* (6:4:1ratio) i.e.11 ml per piece for 24 hrs and then pour this solution into polyurethane bottles and install them at a height of 1.5 mt from ground. Install 12 traps/ Ha in mango orchards and clean them after every 15 days interval.

2. The recommendations in the spray schedule are for normal climatic conditions only.

3. Do not spray the same pesticide repeatedly.

4. Use of pesticides should be done only when chances of disease/pest occurrence is expected.

**SPRAY SCHEDULE FOR THE CONTROL OF INSECT/PEST &
DISEASES OF CITRUS FOR THE YEAR 2022**

S. No.	Time/Tree Stage	Name of Chemical	Quantity of Chemical for 200 L of Water	Control of Diseases
1.	2.	3.	4.	5.
1.	January	Copper oxychloride or Streptomycin Sulphate + Tetracycline Hydrochloride	600 gm 3 gm/10 L of water	Canker
2.	Feb	Dimethoate* or Monocrotophos*	200 ml 200 ml	Aphid
3.	March-April	Monocrotophos*	200 ml	Aphid
4.	May-June	Monocrotophos* or Dimethoate* Copper oxychloride or Streptomycin Sulphate + Tetracycline Hydrochloride	200 ml 200 ml 600 gm 3 gm/10 L of water	Aphid Canker
5.	July-August	Copper oxychloride Streptomycin Sulphate + Tetracycline Hydrochloride	600 gm 3gm/10 L of water	Cut and burn the canker infested parts, and if the infestation is severe then repeat the spray at 15-20 days interval
6.	Sept-Oct	Monocrotophos*	200 ml	Aphid

Note :- Do not spray any insecticide on flowering.

*** The pesticides are proposed to be banned viz. Dimethoate, Malathion & Monocrotophos by the Government vide Gazette Notification No. CG-DL-E-18052020-219423, Extraordinary Part-II- Section-3- Subsection (ii), dated 18th May 2020 regarding- Banning of Insecticides Order, 2020.**

RECOMMENDED BRAND NAMES OF PESTICIDES

S. No.	Common Name	Brand Names
1	2	3
A. Fungicides:		
1.	Imidacloprid 17.8 SL	Confidor/Maharaja
2.	Copper oxychloride 50 WP	Blitox/Fytolan/Masstox/Copter/Trucop/Riva
3.	Hexaconazole 5 EC	Contaf/ Hexzol /Sitara/ Titan /Glow /Envil
4.	Wettable Sulphur 80 WP	Sulfex/Thiovit
5.	Malathion 50EC*	Cythion/Massthion
6.	Monocrotophos 36 EC*	Nuvacron/Masscron
7.	Dimtheoate 30 EC*	Rogor
8.	Oxy-demeton Methyl 25% EC	Metasystox
9.	Streptomycin Sulphate 90% + Tetracycline Hydrachloride 10 % w/w	K-cycline
10.	NAA	Planofix