

Mango mealy bug

Drosicha Mangiferae Maavu puchi



Mealy bug on tender Mango shoots (MSSRF)



Mealy Bug insect. Source:- MSSRF

Prevention	Monitoring	Direct Control	Direct Control	Restrictions
<ul style="list-style-type: none"> • Prune the unwanted and undesirable branches and twigs during September once in two years. • Deep ploughing during December in between the plant rows. • Remove weeds and alternate hosts in the orchard using a mini tractor and burn the stubbles. • Banding of tree trunks with polythene sheet (400 gauge, 30 cm wide) at a height of about 30 cm from the ground level. Grease should be applied at the lower edge of band during December to prevent pink to brown coloured nymphs crawling up the tree. 	<ul style="list-style-type: none"> • Look for white coloured cottony cushion every 2-3 days from December to January. • Monitor the honeydew secretion by mealy bugs as well as the presence of ants. (Phoresis) • Inspect for the presence of sooty mould on leaves and twigs 	<ul style="list-style-type: none"> • Release 10-15 grubs of coccinellid predator, <i>Cryptolemus montrozieri</i> per tree. • Application of <i>Beauveria bassiana</i> @ 2 gms per litre of water or 5% Neem Seed Kernel Extract (5 gms per 10 litres of water) around the tree trunk during December-January. • Application of <i>Lecanicillum lecanii</i> @ 4 gm per litre of water during dawn hours for effective mycosis. • If the number of mealy bug colonies are low, smear the colonies with kerosene using paint brush in young plants. 	<ul style="list-style-type: none"> • Use of personal protective equipment (PPEs) such as gloves, mask, goggles and keeping antidotes are mandatory by the spray applicators. 	<ul style="list-style-type: none"> • Profenophos – WHO class II.
			<ul style="list-style-type: none"> • Spraying of Profenophos 50 EC 2ml/litre of water. 	