

**Insect Science (Pty) Ltd PheroLure Range for Tree, Vine and Forestry Pests**

Tree, Vine & Forestry Pests											
Trade name	Common Name	Scientific Name	Application	Lure Information			Trap Information				Comment
				Description	Storage	in Orchard Replacement	Design	in Tree / Vine Placement	Check Frequency	Density	
A.B.W. PheroLure (Male)	Africa Bollworm	<i>Helicoverpa armigera</i>	Monitoring	White septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
A.B.W. PheroLure (Female)	Africa Bollworm	<i>Helicoverpa armigera</i>	Monitoring & Mass Trapping	P.E. Bulb = 2 ml	< 20 °C	20 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
B.F.F. PheroLure	Black Fig Fly	<i>Silba adipata (Male)</i>	Monitoring & Mass Trapping	0.25 PE vial (Do Not Open Vial)	< 20 °C	4 - 5 weeks	McP	1.8 - 2.4 m (Centre of tree canopy)	7 day intervals	Monitoring: 1 Trap = 5 - 10 Ha. Mass Trapping 16 Traps / Ha	* #
		6 gram pouch, remove white powder and place inside bottom of McPhail trap and add 300 ml of water		* #							
C.F.M. PheroLure	Citrus Flower Moth	<i>Pray citri</i>	Monitoring	White septa	< 20 °C	4 - 6 weeks	YDT	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
C.M. PheroLure Std	Codling Moth	<i>Cydia pomonella</i>	Monitoring	Grey septa	< 20 °C	4 - 5 weeks	YDT / WDT	1.8 - 2.4 m (SE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
C.M. PheroLure 10 X	Codling Moth	<i>Cydia pomonella</i>	Monitoring	Grey septa	< 20 °C	4 - 5 weeks	YDT / WDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	* #
C.M.B. PheroLure	Citrus Mealybug	<i>Plannicoccus citri</i>	Monitoring	White septa	< 20 °C	4 - 5 weeks	WSC	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 1 - 2 Ha	* #
C.R.S. PheroLure	Red Scale	<i>Aonidiella aurantii</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	WSC / YSC for Aphytis parasite monitoring	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 1 - 2 Ha	#
E.G.O. PheroLure (4 weeks)	Mediteraian, Natal, Maroela Fruit Fly	<i>Ceratitidis capitata, rosa, cosyra</i>	Monitoring	P.E. Bulb = 0.4 ml	< 20 °C	4 weeks	YDT / McP	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
E.G.O. PheroLure (20 weeks)	Mediteraian, Natal, Maroela Fruit Fly	<i>Ceratitidis capitata, rosa, cosyra</i>	Monitoring	P.E. Bulb = 2 ml	< 20 °C	20 weeks	YDT / McP	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
F.C.M. PheroLure (10 - 12 Weeks)	False Codling Moth	<i>Thaumatotibia leucotreta</i>	Monitoring	0.25 PE vial (Do Not Open Vial)	< 20 °C	10 - 12 weeks	YDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	#
F.C.M. PheroLure (22 - 25 Weeks)	False Codling Moth	<i>Thaumatotibia leucotreta</i>	Monitoring	0.25 PE vial (Do Not Open Vial)	< 20 °C	22 - 25 weeks	YDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	#
L.F.M PheroLure	Litchi Fruit Moth	<i>Thaumatotibia peltastica</i>	Monitoring	Red septa	< 20 °C	8 - 10 weeks	YDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	* #
M.E. PheroLure	Invader Fruit Fly	<i>Bactrocera invadens</i>	Monitoring	polymeric plug	< 20 °C	6 - 8 weeks	McP / MT	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
M.N.B. PheroLure	Macadamia Nut Borer	<i>Thaumatotibia bactrocopa</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	* #
M.N.B. PheroLure (Australia)	Macadamia Nut Borer (Australia)	<i>Cryptophlebia ommatodonta</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YDT	Top 1/3 of Tree	7 day intervals	1 Trap = 5 - 10 Ha	* #
O.F.M. PheroLure	Oriental Fruit Moth	<i>Grapholita molesta</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YDT / WDT	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
O.F.F. PheroLure	Olive Fruit Fly	<i>Dacus oleae (Male)</i>	Monitoring	0.25 PE vials	< 20 °C	4 - 5 weeks	McP	2.4 m (Center of tree canopy)	7 day intervals	1 Trap = 2 - 4 Ha	* #
		<i>Dacus oleae (Female)</i>	Monitoring	1.4 mil PE pouch	< 20 °C	* #					
Olive Fruit Moth PheroLure	Olive Fruit Moth	<i>Prays oleae</i>	Monitoring	0.25 PE vials	< 20 °C				7 day intervals	1 Trap = 5 - 10 Ha	* #
Sirex PheroLure	Sirex Wood wasp	<i>Sirex noctilio</i>	Monitoring	P.E. Bulb = 12 ml sealed in White plastic bag. (Do not open plastic)	< 20 °C	4 - 5 weeks	PT	1.8 - 2.4 m above ground level.	7 day intervals	3 Traps = Monitoring station	* #
S.J.S. PheroLure	San Jose Scale	<i>Aspidiotus perniciosus</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	WSC	1.8 - 2.4 m (Centre of tree canopy)	7 day intervals	1 Trap = 1 - 2 Ha	* #
Trimed PheroLure	Mediteraian, Natal Fruit Fly	<i>Ceratitidis capitata &amp; rosa</i>	Monitoring	polymeric plug	< 20 °C	4 - 5 weeks	YDT / McP	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #
W.F.T. PheroLure	Western Flower Thrip	<i>Frankliniella occidentalis</i>	Monitoring & Mass Trapping	Sealed foil pouch with disk (Do not open disk)	< 20 °C	4 - 5 weeks	BC	1.2 - 1.8 m (Plave 300 mm into tree line)	7 day intervals	1 Trap = 1 - 2 Ha	* #
V.M.B. PheroLure	Vine Mealybug	<i>Plannicoccus ficus</i>	Monitoring		< 20 °C	4 - 5 weeks	YDT		7 day intervals	1 Trap = 1 - 2 Ha	* #
E.G.V.M PheroLure	European Grapevine Moth	<i>Lobesia botrana</i>	Monitoring								* #
Y.J. PheroLure	Yellow Jacket	<i>Vespula germanica</i>	Monitoring	Sealed foil pouch with disk (Do not open disk)	< 20 °C	4 - 5 weeks	YSC	1.2 - 1.8 m (Plave 300 mm into tree line)	7 day intervals	1 Trap = 1 Ha	* #
3 - Component Lure	Mediteraian & Natal Fruit Fly	<i>Ceratitidis capitata &amp; rosa</i>	Monitoring	Plastic Bag, Open 3 holes	< 20 °C	4 - 5 weeks	McP	1.8 - 2.1 m (NE side of Tree)	7 day intervals	1 Trap = 5 - 10 Ha	* #

**Notes:**

Remove all insect weekly from traps.  
 Stir adhesive weekly on Delta Trap Sticky Liner inside Delta Trap.  
 Freeze carryover lure's for annual storage.  
 Inspect all traps weekly as recommended.  
 \* Not registered in South Africa  
 # To be used for Research Purpose Only

**Trap Abbreviation**

YBFT  
 YBFT + Ext  
 YDT  
 MCP  
 MT  
 WSC  
 BC  
 WDT  
 YSC  
 RT  
 PT

**Traps description**

Yellow Bucket Funnel Trap  
 Yellow Bucket Funnel Trap Extension  
 Yellow Delta Trap  
 McPhail Trap  
 Moroccan Trap  
 White Scale Card  
 Blue Card  
 White Delta Trap  
 Yellow Scale Card  
 Ramp Trap  
 Panel Trap