

Insect Science (Pty) Ltd PheroLure Range for Row and Field Pests

Row and Field Pests											
Trade name	Common Name	Scientific Name	Application	Lure Information			Trap Information				Comment
				Description	Storage	in Field Replacement	Design	in Field Placement	Check Frequency	Density	
A.A.W. PheroLure	African Armyworm	<i>Spodoptera exempta</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 (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. Mass Trapping 20 Traps / Ha	* #
B.A.W. PheroLure	Beet Army Worm	<i>Spodoptera exigua</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
B.C.W. PheroLure	Black Cutworm	<i>Agrotis ipsilon</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
B.W. PheroLure	Banana Weevil	<i>Cosmopolites sordidus</i>	Monitoring & Mass Trapping	Sealed pouch (Do not open bag)	< 20 °C	4 - 5 weeks	RT	On top of soil	7 day intervals	1 Trap = 1 Ha	* #
D.B.M. PheroLure	Diamondback Moth	<i>Plutella xylostella</i>	Monitoring	Red	< 20 °C	4 - 5 weeks	YDT / WDT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 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	#
											* #
M.E. PheroLure	Invader Fruit Fly	<i>Bactrocera invadens</i>	Monitoring	polymeric plug	< 20 °C	6 - 8 weeks	McP / MT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
M.S.B. PheroLure	Maize Stalk Borer	<i>Busseola fusca</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
P.B.W. PheroLure	Pink Bollworm	<i>Pectinophora gossypiella</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
P.F.F. PheroLure	Lesser Pumpkin Fly	<i>Dacus ciliatus</i>	Monitoring	polymeric plug	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
	Jointed Pumpkin Fly	<i>Dacus vertebratus</i>	Monitoring								* #
P.T.M. PheroLure	Potato Tuber Moth	<i>Phthorimaea operculella</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YDT / YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
S.P.W. PheroLure	Sweet Potato Weevil	<i>Cylas puncticollis and brunneus</i>	Monitoring	Red septa	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
T.B.W. PheroLure	Tobacco Budworm	<i>Heliothis virescens</i>	Monitoring	Grey	< 20 °C	4 - 5 weeks	YBFT	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
T.S.L PheroLure (Male & Female)	Tomato Semi-Looper	<i>Chrysodeixis acuta</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. Mass Trapping 20 Traps / Ha	* #
T.V. PheroLure	Africa Bollworm (70 % = Female, 30 % Male)	<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. Mass Trapping 20 Traps / Ha	* #
	Tomato Semi-Looper (70 % = Female, 30 % Male)	<i>Chrysodeixis acuta</i>									* #
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	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 Ha	* #
W.G. PheroLure	White Grubb	<i>Popillia bipunctata</i>	Monitoring & Mass Trapping	Glass vial, Cotton wick	< 20 °C	5 - 6 weeks	YBFT + Ext	300 mm above canopy	7 day intervals	1 Trap = 10 - 20 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