



...in support of sustainable agri-production and international market sustenance

Innovative Products & Services



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Farmtrack BioSciences Ltd

Farmtrack BioSciences Ltd (FBS) is a small and Medium enterprise that offers technical advice and markets environmentally safe products for the management of agricultural pests.

Since its establishment in the year 2010, Farmtrack BioSciences has experienced phenomenal growth due to our superior products and services that are affordable and tailor-made to suit the needs of all clients including small scale farmers, large scale farmers, Non-Governmental Organizations, Research institutions and growers.

Driven by that, Farmtrack produces and commercializes on non-conventional pest control products and technologies with minimum risks to food, animals and environment.

Our Mission

To be the leading developer and commercial supplier of IPM innovations in the East African region and beyond.

Our Vision

We envisage regional success in pest management products and services through environmentally friendly approaches of Sound Scientific Research.



Our Services;




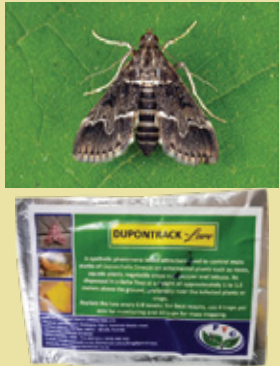
- Commercialization
- Production Support
- Technical Assistance
- Technology & Innovation
- Training on Agronomics


Our customers deserve the best

FRUIT FLY SOLUTIONS


PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
BACTROLURE	<p>This is the first fruit fly pheromone as a male attractant in Kenya. It targets the mango fly. The liquid Para pheromone that contains 98.9g/l of active ingredient methyl eugenol and 50%w/v malathion. The associated oshothion insecticides contains malathion that kills the flies primarily through contact after landing on the impregnated lure. It is used together with lynfield trap.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p>	
CUE LURE PLUG	<p>This is a semiochemical insect attractant for control of the melon fly (<i>Bactrocera cucurbitae</i>). The Cue-Lure Plug supplied by Farmtrack BioSciences Ltd is designed to prevent damage to crops caused by the melon fly (<i>Bactrocera cucurbitae</i>). The melon fly is an economic pest of cucurbits such as melons, squashes, pumpkins, and solanaceous vegetables like eggplants, tomatoes, and peppers.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p>	
CERA-LURE	<p>A synthetic pheromone insect attractant used to control male fruit fly of <i>Ceratitis carpitata</i>, commonly known as the Mediterranean fruit fly or medfly on avocados and guava. Used together with lynfield trap.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p>	
TORULA/BAIT TRACK	<p>This is a food attractant that lures many species of fruit flies affecting fruits and vegetables, especially the female adults which are at the oviposition stage. As female flies visit to feed on the attractant bait, they drown and die.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p> <p>It is used together with lynfield trap.</p>	

LEPIDOPTERANS / MOTH SOLUTIONS


PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
FCM LURE	<p>A para-pheromone bait for luring the male False Codling Moth (<i>Thaumatotibia leucotreta</i>) in avocados, citrus, and roses, among other horticultural crops. The active ingredients are E7-dodecenyl acetate, E8-dodecenyl acetate and Z8-dodecenyl acetate. Use with sticky delta trap for monitoring and mass trapping.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p> <p>Used with delta inserts and delta trap.</p>	
TOTALURE	<p>A para-pheromone bait for luring adult males of tomato leaf miner (<i>Tuta absoluta</i>) into a trap. For monitoring and mass killing in tomato crops and other <i>solanaceae</i> host plants.</p> <p>The lure contains Active ingredients 0.475 mg of)-3, 8, 11-tetradecatrien-1-yl acetate 3E, 8Z, 11Z-14: Ac and 0.025 mg of 3, 8-tetradecadien-1-yl acetate.</p> <p>Use with soapy (or oily) water or sticky delta traps</p> <p>Reduces pest populations when timely used to avoid fruit and leaf damage</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p> <p>Used with delta inserts and delta trap.</p>	
FAW LURE	<p>A Para-pheromone bait that attracts and kills the male Fall Armyworm (<i>Spodoptera frugiperda</i>). Used for monitoring and mass trapping of the FAW in maize, sorghum, barley, alfalfa, among other crops primarily of the Poaceae (grass) family.</p> <p>Use with sticky delta trap for monitoring and mass trapping.</p> <p>Application rates: 4 lures/acre (minimum) for monitoring. 10 lures/acre for mass trapping.</p> <p>Used with delta inserts and delta trap.</p>	
DUPONTRACK LURE	<p>A synthetic pheromone insect attractant used to control male moths of Duponchelia fovealis on ornamental crop plants, such as roses and gerbera, aquatic plants, vegetable crops such as celery, pepper and lettuce, and weeds.</p> <p>Use with sticky delta trap for monitoring and mass trapping.</p> <p>Application rate: 4 lures per acre (minimum).</p> <p>Used with delta inserts and delta trap.</p>	

PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
HELITRACK LURE	<p>An effective non-pesticidal tool for early detection, monitoring and control of <i>Helicoverpa armigera</i> on roses. The pheromone attracts the males to the trap in anticipation of meeting the females, and get stuck on the glue on the sticky liners.</p> <p>Once the males are trapped and killed in huge numbers, females are denied fertilization and no further generation. In this case their populations are immensely suppressed to cause economic damages.</p> <p>Use with sticky delta trap for monitoring and mass trapping.</p> <p>Application rate: 4 lures per acre (minimum).</p>	 
SUPA TRACK LURE	<p>A general lure that attracts male moths of different species including False Codling Moth (FCM), Spodoptera spp. <i>Helicoverpa</i> and <i>Duponchellia</i> spp</p> <p>Application rate: 4 lures per acre (minimum).</p>	
SPODOTRACK LURE	<p>A synthetic pheromone insect attractant used to control male moths of <i>spodoptera frugiperda</i> on a large number of cultivated plant species but the greatest damage is observed in grasses such as maize and sorghum wheat and rice.</p> <p>Used with delta inserts and delta trap for monitoring and mass trapping.</p> <p>Application rate: 4 lures per acre (minimum).</p>	 

BIOPESTICIDE SOLUTIONS

PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
METATRACK PLUS	<p>This is a microbial pesticide of <i>Metarhizium anisopliae</i> strain FTC 2 used for management of the False Codling Moth (<i>Cryptophlebia leucotreta</i>) and Thrips.</p> <p>The active ingredient for this product is the viable conidial spores which are formulated with pure canola oil and triton water.</p> <p><i>Metarhizium anisopliae</i> Strain FTC 2 is a pathogenic fungus that infects insects that come in contact with it. The spores attach to the surface of the insect, germinate and begin to grow. They then penetrate the exoskeleton of the insect and grow very rapidly inside the insect causing death of the insect.</p> <p>Application rates: 20ml in 20L of water.</p> <p>Applied weekly.</p>	



FUNGICIDE SOLUTIONS

PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
MILTRACK FUNGICIDE	Miltrack Fungicide: for the control of powdery mildew in roses, grapes, vegetable and fruit trees, containing sodium bi-carbonate that distrupts the fungal cell, causing cell wall to collapse and rapidly kills both spores and hyphae and skimmed milk that creates an unfavorable environmmnt for powdery mildew development.	

DAMAGES CAUSED BY VARIOUS DESTRUCTIVE PESTS ON DIFFERENT CROPS



ACCESSORIES

PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
YELLOW / CLEAR LYNFIELD TRAP	The lynfield trap is a clear/yellow container with 4 holes. It is used together with lures for management of fruit flies..	
MAXTRAP	Maxtrap is a special trap designed for trapping of fruit flies. It is treated against UV radiations hence durable in nature and can be used for 4 to 5 years. Dome shaped trap with yellow coloured bottom and transparent top. Shape, texture and one route of entrance of trap maximize catching rate of fruit flies in trap. Durable property of trap helps to use trap for long duration. <i>Use it in fruits and vegetable crops for management of fruit flies.</i>	

ACCESSORIES

PRODUCT	SPECIFICATIONS AND APPLICATION RATES	PICTURE
YELLOW & BLUE ROLLERS	<p>When you have an insect population in a large area that you need to monitor and trap, this sticky roll is the answer for you. Each sticky roll uses a wavelength colour (blue or yellow) that is highly attractive to specific targeted insects. This colour visually attracts insects to the trap, capturing them on the sticky surface and enabling growers to monitor their presence.</p> <p>Sticky Rolls are UV and sprinkler-irrigation resistant and do not dry easily, remaining efficient for a period of 8 – 12 weeks. The adhesive doesn't have any colour or smell and is not harmful to humans or crops.</p> <p>TARGETED PEST</p> <ul style="list-style-type: none"> • <i>Yellow Sticky Rolls-attracts, trap and monitor Aphids, Flies, Leaf miners, Whiteflies, Leafhoppers, Thrips, Fungus gnats and many other types of insects</i> • <i>Blue Sticky Rolls target Western flower thrips</i> 	
DELTA INSERTS	<p>The Delta Trap Sticky Liner are a pre-glued white cardboard sheet with a grid design that fits into the Delta Traps protecting it from dust and humidity while ensuring exceptionally long life and capture reliability.</p> <p>Insects that enter the delta trap being attracted by pheromone either in the form of a cap, a rubber septa are immediately stuck to the powerful Stikem Glue coated on the surface of the liner.</p> <p>Pack size: 20 cards. Has glue on one side of the trap. Peel off traps from a pad, as required.</p>	
DELTA TRAP	<p>It's a high gauge plastic, u.v treated that makes it last longer under strong uv rays.</p> <p>Its used together with delta insert and Tatalure, Fawlure, FCMLure, Dupontrack lure, Helitrack lure, Spodotrack lure and Supatrack lure.</p>	
BLUE AND YELLOW STICKY CARDS	<p>These sticky cards are for mass trapping of various insect pests. Blue traps are for thrips while yellow ones are for winged aphids, whiteflies and fungus gnats.</p> <p>Small blue traps (25cm X 20cm) with wet glue ideal for mass trapping.</p> <p>Pack size: 20 cards.</p> <p>Has glue on both sides of the trap.</p> <p>Peel off traps from a pad, as required.</p> <p>For mass trapping use 1 trap per 10 metre square (1000 per hectare).</p>	

Pests can cause up to 80% loss depending on different plant varieties, seasons and the locality where the plants are grown. They lay their eggs in various parts of the plant and upon hatching, maggots destroy the plant rendering them unsuitable for eating and selling.

Having worked very closely with Farmtrack BioSciences Ltd A happy farmer smiles all the way to the bank to reap a hundred fold on his investment due to good outcome as a result of successful management of destructive pests from his farm.

“**JARIBU
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