

Stored Product Beetle Trapping

- ✓ Continuously monitor pests
- ✓ Detect new infestations early
- ✓ Locate small insect numbers
- ✓ Reduce the number of control treatments
- ✓ Assess the efficiency of control measures
- ✓ Suitable for many stored products



Find out more at
www.agrisense.co.uk





Beetle Trapping

Beetles can be a difficult pest to detect and can be found in many situations and products such as tobacco, fabric, grain and flour. The adults are fairly long lived and both adults and larvae need to feed, so both are responsible for damage. The adults' need to feed means they are less responsive to chemical attractants and makes them more difficult to lure into traps than moths.

AgriSense Beetle Traps make detection and treatment easy as they allow early detection and identification of the problem, help locate the source, and provide population information. All of which enables the industry technicians to make better decisions about how best to deal with an infestation. This is why monitoring is the major element in protecting produce and material against pests.

Because beetle pests are so varied and their habits are so different, a good understanding of their biology is essential in knowing how best to catch them. Appropriate use of different attractants and different traps based on this knowledge will provide more effective monitoring. AgriSense provides a full range of traps and attractants for every situation whether it is textile storage, bulk grain or food storage

making choosing the appropriate combination an easy one.

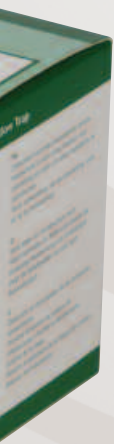
The choice of attractant can be either sex pheromone (emitted by females to attract males) or aggregation pheromone (produced by either sex) or food lures.





Tips & Techniques in Beetle Trapping

- Correct use of traps and regular monitoring will inspire customer confidence.
- Correct choice of trap and lure are key to success.
- Keeping records of catches helps build a knowledge of infestation and helps demonstrate to the customer the effectiveness of any service regime.
- Monitoring should be an important part of an integrated pest management programme.
- Good hygiene, harbourage denial and quarantine of inbound stock are recommended.
- Examine packages to avoid bringing damaged goods and storage pests into stores.
- Ventilate the storage area to discourage moisture-loving pests. Susceptible materials stored for six months or more, especially during the hot summer months, can cause serious infestations.
- Careful sanitation is the best method to avoid stored product pests. Clean up all spillages - these insects can survive on a small amount of food.
- Locate the source of infestation and quickly get rid of it. Dispose of heavily infested foods in wrapped, strong, plastic bags or in sealed containers for garbage disposal service. If detection is made early, it may be the only material infested. Be sure to carefully examine foods, in least disturbed storage areas. Inspect unopened cardboard boxes since pests can chew into these boxes and plastic inserts.



Innovative Pest Management

As pesticide residues and food safety are becoming a greater concern to businesses and the general public, the use of insecticides will continue to come under scrutiny. The effective use of pheromone trapping products can help greatly in this process. Early detection and identification of infestation sources can lead to more specific and targeted control treatments, which not only offer food and environment benefits, but can also be more cost effective.

Stored Product Beetles

	Product	Description	Pest	
Traps for Stored Product Beetles		Window Trap 10 traps per inner carton Available with and without lures	Flour Beetle Confused Flour Beetle Red Flour Beetle Carpet and Fur Beetle Museum Beetle	<i>Tribolium confusum</i> <i>Tribolium castaneum</i> <i>Attagenus spp</i> <i>Anthrenus spp</i>
		Pitfall Trap Designed for monitoring insect pests in bulk grain 10 traps/markers per bag 6x10 traps per outer	Lesser Grain Borer Grain Beetle Merchant Grain Beetle Saw Toothed Grain Beetle Rust Red Grain Beetle Flat Grain Beetle Weevils Rice Weevil Grain Weevil	<i>Rhizopertha dominica</i> <i>Oryzaephilus mercator</i> <i>Oryzaephilus surinamensis</i> <i>Cryptolestes ferrugineus</i> <i>Cryptolestes pusillus</i> <i>Sitophilus oryzae</i> <i>Sitophilus granarius</i>
		Tobacco Beetle / Lasioderma Trap Kit Boxed kits containing 10 Black Stripe Disposable Traps + 10 standard lures 10 Inner Packs (100 traps/lures)	Tobacco or Cigarette Beetle	<i>Lasioderma serricorne</i>
Standard Dispensers (Last 6 weeks)		Standard Tobacco Beetle Dispenser <i>(Lasioderma serricorne)</i> Individual sachets Packs of 100 (10x10)	Tobacco or Cigarette Beetle	<i>Lasioderma serricorne</i>
		Standard Carpet Beetle Dispenser <i>(Attagenus spp)</i> Individual sachets Packs of 100 (10x10)	Carpet and Fur Beetle Museum Beetle	<i>Attagenus spp</i> <i>Anthrenus spp</i>
Long-Life Dispensers (Last 12 weeks)		Long Life Tobacco Beetle Dispenser <i>(Lasioderma serricorne)</i> Individual sachets Packs of 100 (10x10)	Tobacco or Cigarette Beetle	<i>Lasioderma serricorne</i>
		Long Life Flour Beetle Dispenser <i>(T. confusum / T. castaneum)</i> Working duration of 12 weeks. Can be used in Window Trap or similar to monitor Flour Beetles Packs of 100 (10x10)	Flour Beetle Confused Flour Beetle Red Flour Beetle	<i>Tribolium confusum</i> <i>Tribolium castaneum</i>
Food based attractant		General Grain Beetle Attractant Food based for use in Pitfall Traps or in other Sticky Traps (traps and detectors) In individual sachets Packs of 100 (10x10)	Flour Beetle Confused Flour Beetle Red Flour Beetle Grain Beetle Merchant Grain Beetle Saw Toothed Grain Beetle Rust Red Grain Beetle Flat Grain Beetle Weevils Rice Weevil Grain Weevil Lesser Grain Borer	<i>Tribolium confusum</i> <i>Tribolium castaneum</i> <i>Oryzaephilus mercator</i> <i>Oryzaephilus surinamensis</i> <i>Cryptolestes ferrugineus</i> <i>Cryptolestes pusillus</i> <i>Sitophilus oryzae</i> <i>Sitophilus granarius</i> <i>Rhizopertha dominica</i>

AgriSense products are available through national pest control product distributors. Should you be unable to find one, please contact us through our website and we will assist you with your enquiry.

Treforest Industrial Estate, Pontypridd, South Wales CF37 5SU, UK

Tel:+44 (0)1443 841155 Fax:+44 (0)1443 841152

mail@agrisense.co.uk www.agrisense.co.uk

AgriSense-BCS Limited is a wholly owned subsidiary of Suterra LLC



INVESTORS IN PEOPLE

Certificate No. FM 28278