

# Technical Data Sheet



## MONITORING TRAP

Medium Yellow Sticky Trap

## PRODUCT DESCRIPTION

Approximate Dimensions (Flat)	100mm ( $\pm 2$ mm) x 245mm ( $\pm 2$ mm)
Material	Styrene
Colour	Yellow

## RECOMMENDATIONS FOR USE

Research has shown that a number of important pest insects are attracted to a range of specific colour wavelengths. These colours present stimuli to the insect which may elicit a number of responses ranging from host plant recognition to ovipositional attractant, sexual stimuli etc. For a wide range of Whitefly, Aphids, Sciarids etc a specific tone of yellow has been found to be a powerful attractant. The AgriSense Yellow Sticky trap has been designed to take advantage of this behaviour. The specific coloured plastic of the trap is covered with a high-tech non-drying adhesive. The attracted insects land on the trap and are stuck fast.

### ASSEMBLY AND PLACEMENT OF TRAP

After unwrapping the outer covering carefully remove the cover plastic from the glued area of the trap exposing the sticky surface. The trap should then be hung above the crop using a plastic coated wire. Attention should be taken to avoid placing the trap where the sticky surface can easily come in contact with either the plants or fittings. Dispose of the wrapping and cover plastic correctly.

### WHEN TO USE THE TRAP

It is important that the traps be placed in the crop early in the season before pest populations start to build up to prevent the pests reaching epidemic proportions. While the traps work well when there are large numbers of pests in the crop, by this time much of the damage has been done so the degree of crop protection will be reduced. Trapping the first few pests, before they can multiply and do damage, is preferable whatever the situation.

### HOW MANY TRAPS TO USE

Where the traps are to be used for pest suppression in glasshouses, as a guideline, use at least one trap per 10 square metres increasing or decreasing the density in light of the severity of the problem. If the sole purpose is to monitor pest populations then traps can be used at a much lower density at 1 trap per 100 to 1000 square metres depending on the crop and the size of the glasshouse.

### SERVICING THE TRAP

The traps may be left in place until the trapping surfaces are covered with insects, but replacement, particularly in cases where a large number of pests are being caught, should normally be when two thirds to three quarters of the surface is covered with insects or after six weeks exposure, whichever is first. Out of doors or in dusty conditions, the traps may accumulate significant quantities of dust which will reduce their efficacy. Regular replacement is essential to maintain top performance.

**For Safety, Environmental and Disposal details see the corresponding Material Safety Data Sheet**

## 8.2 Exposure Controls

### 8.2.1 Occupational Exposure Controls

This product is composed of low toxicity components and no special exposure controls are necessary. Personal protection procedures are limited to normal personal and industrial hygiene practices.

### 8.2.2 Environmental Exposure Controls

The product is composed of low toxicity components and no special exposure controls are necessary. Environmental protection procedures are limited to normal domestic and industrial practices.

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

The trap material is generally regarded as having no significant hazard related properties.

### Adhesive:

Appearance:	Colourless, odourless hot melt adhesive
Flash Point:	>155°C
Melting Point:	>90°C
Solubility in water:	Insoluble

## 10.0 STABILITY AND REACTIVITY

### 10.1 Conditions to Avoid

Stable under normal temperature and pressure conditions.

### 10.2 Materials to Avoid

None known

### 10.3 Hazardous Decomposition Products

None known

## 11.0 TOXICOLOGICAL INFORMATION

Although no specific data exists, the product is composed of low toxicity components and no toxicological hazard is believed to be associated with the product.

## 12.0 ECOLOGICAL INFORMATION

Although no specific data exists, the product is composed of low toxicity components and ecological problems are believed to be unlikely.

## 13.0 DISPOSAL CONSIDERATIONS

The product is composed of low toxicity components and no special disposal considerations are necessary. Material should be collected and disposed of in accordance with local, state or national legislation.

## 14.0 TRANSPORT REGULATIONS

ROAD:	Not classified as dangerous
SEA:	Not classified as dangerous
AIR:	Not classified as dangerous

## 15 REGULATORY INFORMATION

Not a hazardous substance or preparation according to EC directives 67/548/EEC and 1999/45/EC. No Risk Phrases identified.

## 16 OTHER INFORMATION

If further safety data information is required, please contact AgriSense BCS Ltd.

**TO THE BEST OF OUR KNOWLEDGE THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT CLAIM TO BE ALL-INCLUSIVE AND SHOULD BE USED ONLY AS A GUIDE. ALL MATERIAL MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. AGRISENSE BCS LTD SHALL NOT BE HELD LIABLE FOR ANY DAMAGES RESULTING FROM THE HANDLING OF, OR CONTACT WITH, THE ABOVE PRODUCT.**