

Technical Data Sheet



INSECT ATTRACTANT

PRODUCT NAME: Protein hydrolysate
PRODUCT CODE: BD M130A

PRODUCT DESCRIPTION

A food attractant for a range of pests including the Mediterranean Fruitfly (*Ceratitis capitata*) and the Olive fly (*Bactrocera oleae*)

Odour	Beefy, characteristic
Visual appearance	Dark, reddish-brown, syrup-like liquid
Specific Gravity	1.3 @ 20 °C
Refractive Index	1.48 – 1.49 @ 25°C
Protein equivalent (by total nitrogen)	75 – 78 %
Chlorine salts (as NaCl)	1.5 – 1.7 %
Ammonium salts (as NH ₄ Cl)	4.0 – 4.7 %
Dry matter (105 °C)	77 – 79 %
pH	6.2 – 8.0
Insoluble matter	0.2 – 0.5%
Stability	Stable at normal temperatures and pressures

RECOMMENDATIONS FOR USE:

SPECIES NAME: Mediterranean Fruitfly (*Ceratitis capitata*) and the Olive fly (*Bactrocera oleae*)

MODE OF ACTION:

The hydrolysed protein can be diluted 50: 50 to 25:75 with water and used in McPhail type traps releases odours attractive to the target insects. The attracted flies are caught in the liquid in the base of the trap.

TRAP:

The AgriSense Dome trap is recommended with this attractant.

RECOMMENDATIONS AND RATE OF USE:

Traps should be placed at head height within the tree canopy in the middle of the grove and with at least 50 m between each trap. The base of each trap should be carefully filled with the liquid attractant and care should be taken not to spill the attractant on the outer surfaces of the trap. Use one trap per hectare in small non-uniform crop plantings and one trap per 3 hectares in large uniform plantings. Traps should be cleaned and attractant changed regularly (once per week if particularly dry) to maintain performance. It may be necessary to take care in identifying the target insect in the trap.

NOTE: This is a non specific attractant and other species may be caught in the traps.

STORAGE PERIOD OF ATTRACTANT:

Minimum of two years when stored in a refrigerator at 4 °C or below in original packaging. Minimum eighteen months when stored below 15°C out of direct sunlight in original unopened packaging.

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

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

Company Registration No. 1835431. AgriSense-BCS Limited is a wholly owned subsidiary of Suterra LLC



INVESTORS IN PEOPLE



Certificate No. FM 28278