

Control of *Drosophila suzukii* HEMITRAP® Fly catcher LIQUID ATTRACTANT SUZZii

Launching
2014-2015



The reference trap
for *Drosophila suzukii*

PROBODELT
ESTUDIOS BIOAGRARIOS

**AO &
MIDORI**
BIOCONTROL

Working together for the pest management respecting the environment



Hannah Burrack, North Carolina State University,
Bugwood.org

CHARACTERISTIQUES:

The HEMITRAP® fly catcher is specially designed for its use with liquid attractants. Both the shape of the base as the size and arrangement provide that captures are very high and highly selective (minimum impact on the useful fauna). In addition, if used for the population monitoring, its design also facilitates the extraction of captured flies for their identification and re-counting.

SUZZII LIQUID ATTRACTANT is a new food grade attractant enriched in volatile compounds of the fruits host of this pest, so it has a high capacity of the *D. suzukii* attraction specifically. It suffers less degradation in the field than other liquid attractants used for this pest, currently its persistence in the field is being evaluated and being expected to be more than 60 days (used with the HEMITRAP® fly catcher).

APPLICATIONS:

Monitoring and management of *Drosophila suzukii* in sensitive crops: strawberry, raspberry, blueberry, cherry, etc.

Traps density:

For monitoring : put 2-4 traps/Ha

For mass captures monitoring: in homogenous crops, with densities of medium population and continuous surfaces relatively big (some hectares), it is recommended to put about 80 traps/Ha. In other conditions the required density can be bigger.

Attractant volume:

For monitoring: about 250 ml, optimum liquid quantity to carry out the flies re-counting pouring it easily to another recipient without losing the liquid through the lateral tubes.

For mass trapping: about 600 ml, maximum volume allowed by the fly catcher without overflowing over the side tubes of the trap.

THE METHOD OF USE:

Put together the side tubes in the fly catcher base following the instructions that come with it. Pour the necessary volume of "Suzzii Liquid Attractant" inside the HEMITRAP® fly catcher, put the lid ensuring its well subjected to the base and hung it in a medium height.

For monitoring, it is recommended to count the captured flies at least once a week. This requires filtering the attractant with a strainer, pour the liquid back to the trap, refill the evaporated volume and proceed to the re-counting of the separated *D. suzukii*.

For mass capture, put the traps about 45 days before the beginning of the fruit's ripening. Though the persistence of the attractant inside the fly catcher depends on the meteorological conditions of the crop, it is recommended to refill the traps in the moment that any unit is about to dry. The traps with the attractant should be maintained during the whole growing until finalizing the fruit harvesting.

Additional recommendations:

If during the season really high captures are detected in particular areas, it is recommended to strengthen the mass trapping with some additional traps in these areas. If there are high levels of infestation, some supplementary phytosanitary treatments with authorized products can be done .

PRESENTATIONS:

SUZZII LIQUID ATTRACTANT

- Jerrycans of 5 & 25 L

HEMITRAP® FLY CATCHER

- Carton boxes of 50 units.

our solution

TRAP system + ATTRACTANT

for *Drosophila suzukii* MASS TRAPPING,
composed of:

* **HEMITRAP® FLY CATCHER**, highly selective and optimized design for its use with liquid attractants.

* **SUZZII LIQUID ATTRACTANT**, with high capability of attraction, more persistence than other liquid attractants and less degradation in the field (it facilitates the counts).

The death of the insects is produced by drowning in the liquid, so it is not necessary to use insecticides.

PROBODELT S.L.

Ctra. del Canal Amposta - Sant Jaume, Km. 1
Apdo. de Correos 283 - 43870 AMPOSTA (Tarragona) - SPAIN

Tel. +34 977 087 278 / +34 629 775 091

info@probodelt.com

www.probodelt.com

AO MIDORI BIOCONTROL, S.L.

C/ Era del Poch, 3

08784 PIERA (Barcelona) - SPAIN

Tel. +34 93 776 23 74 / +34 677 874 451

info@aomidoribiocontrol.com

www.aomidoribiocontrol.com