



THE FRUIT FLY COMPANY

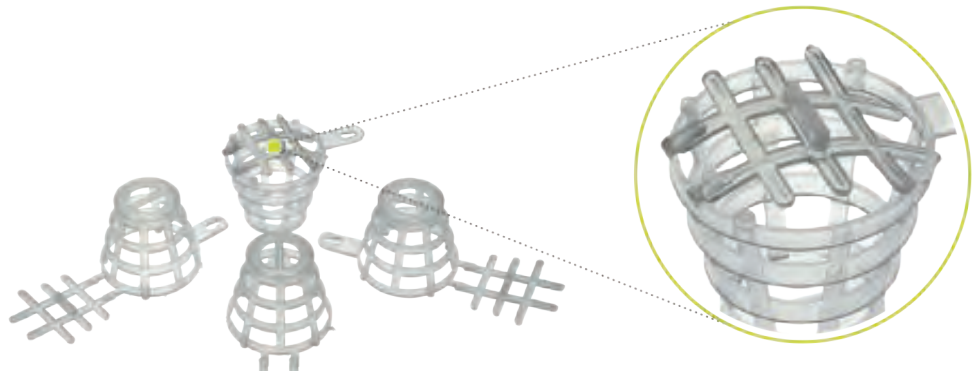
Products Catalogue



TRAPS

SÜSBIN

PHEROMONE HOLDERS · *Traps*



Description

Made of plastic with UV filter and specially designed for use in Jackson traps.

Features

- › Material: Plastic with UV filter
- › Colour: Transparent

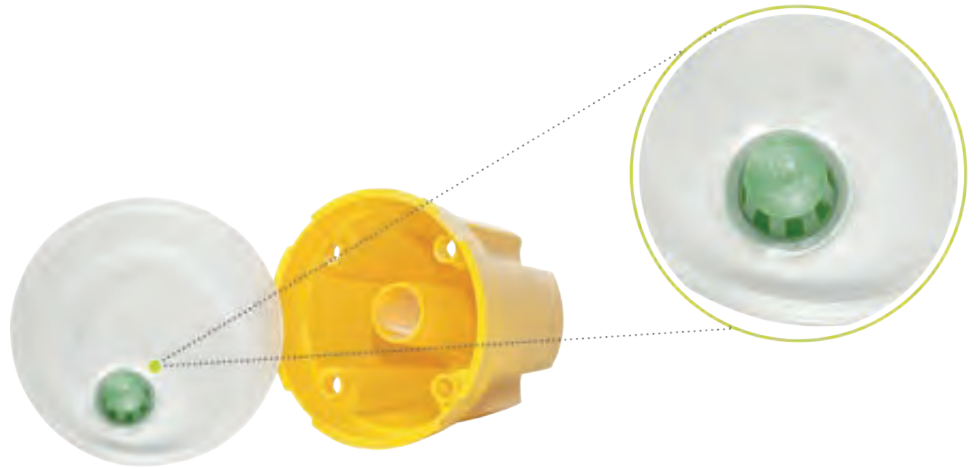
Packaging

Box containing 1,000 units.

Usage

Place the attractant to be used inside the pheromone trap and, then, this one inside the Jackson trap.

MASS TRAPPING TRAP · Traps



Description

Low-cost trap with maximum durability, specially designed for use in massive trapping systems. It is made of two high-strength plastic parts with UV filter, a pheromone trap included and a hook for hanging.

Features

- ▶ Material: High-Strength plastic with UV filter
Material of the hook: 2.6 mm galvanized wire
- ▶ Colour : Yellow or red base (for *Drosophila Suzukii*) and transparent lid
- ▶ Height: 15 cm
Lower diameter: 10 cm
Middle diameter: 12.5 cm
Upper diameter: 10.6 cm

Packaging

Box containing 30 units.

Usage

The trap should be placed in the sunny part of the tree at an approximate height of between 1.5 and 2.0 meters; the entrance of the trap should not be obstructed by leaves or branches. The trap can be baited according to the following table.





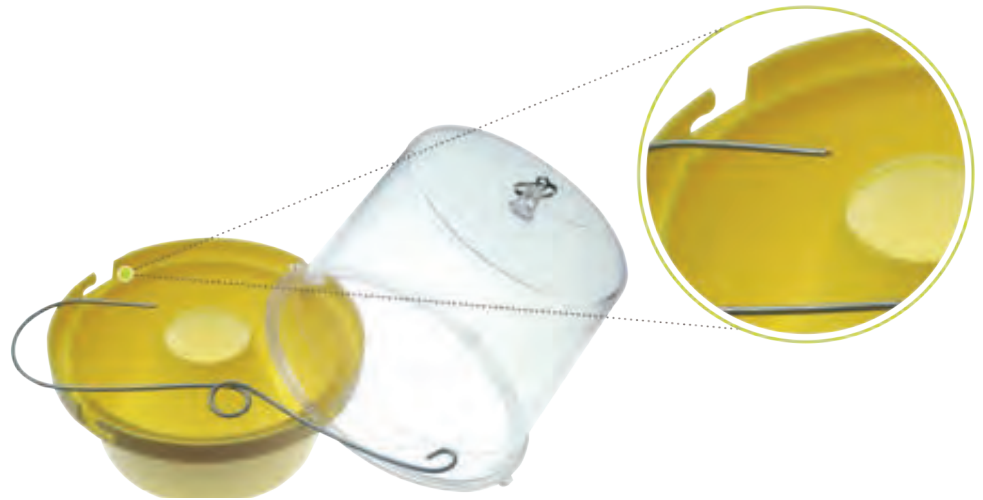
<i>Ceratitis Capitata</i>	<i>Anastrepha spp</i>	<i>Bactrocera oleae</i>	<i>Bactrocera spp</i>	<i>Drosophila sukii</i>
Fruit fly	American fruit fly	Olive fruit fly	Genus of the fruit fly family	Genus of the fruit fly family
				
Trimedlure Plugs - TMD	Torula Pellets PBX	1,7-dioxaspiro- 5,5-undecane Plug CMM	Cuelure Plugs - CUE	SWD Lure Attractant
Torula Pellets PBX	Hydrolyzed Protein CPH		Methyl Eugenol Plugs - MEU	
Hydrolyzed Protein CPH	Feed Bait ANA			
Feed Bait TMA				

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MCPHAIL TRAP · Traps



Description

Monitoring trap for *Ceratitis capitata*, *Anastrepha* spp and other diptera. It is made of two high-strength plastic parts with UV filter and a hook for hanging.

Features

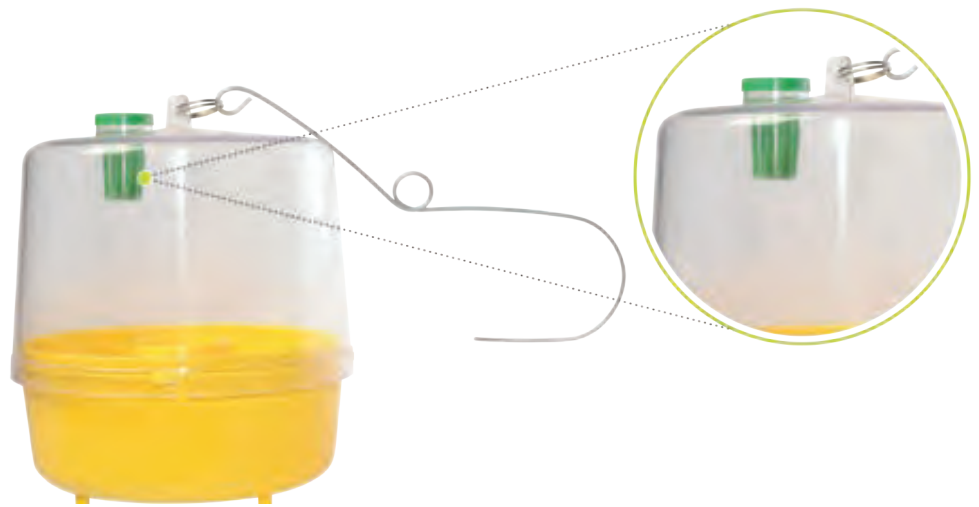
- ▶ Material of the trap: High-strength plastic with UV filter
Material of the hook: 2.6 mm galvanized wire
- ▶ Colour : Yellow base and transparent lid
- ▶ Height: 19 cm
Lower diameter: 11,5 cm
Middle diameter: 17 cm
Upper diameter: 13 cm

Packaging

Box containing 12 units.

Usage

The trap should be placed in the sunny part of the tree at an approximate height of between 1.5 and 2.0 meters; the entrance of the trap should not be obstructed by leaves or branches. The trap can be baited with Susbin CPH hydrolyzed protein or Susbin PBX torula pellets.

MULTITRAP · *Traps***Description**

Monitoring or massive capture trap for different types of diptera. It is made of two high-strength plastic parts with UV filter, a pheromone trap included and a hook for hanging.

Features

- › Material: High-strength plastic with UV filter
Material of the hook: 2.6 mm galvanized wire
- › Colour: Yellow base and transparent lid
- › Height: 19 cm
Lower diameter: 15 cm
Middle diameter: 16.5 cm
Upper diameter: 15 cm

Packaging

Box containing 12 units.

Usage

The trap should be placed in the sunny part of the tree at an approximate height of between 1.5 and 2.0 meters; the entrance of the trap should not be obstructed by leaves or branches. The trap can be baited according to the following table.



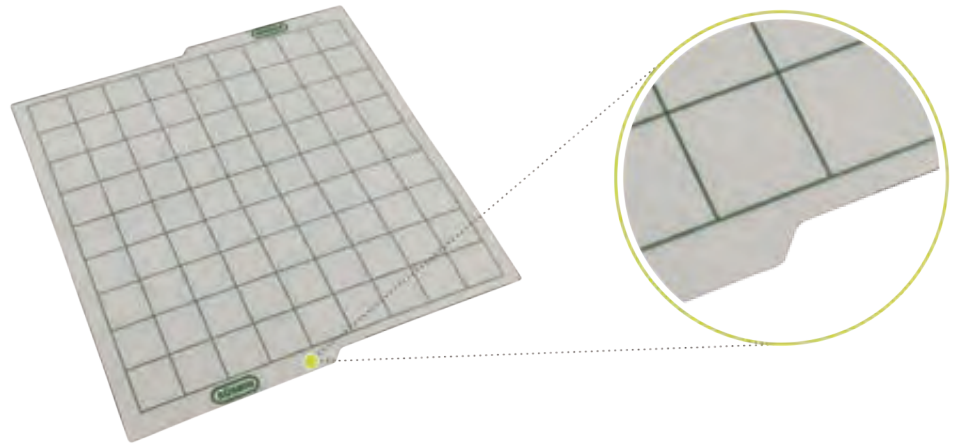
<i>Ceratitis Capitata</i>	<i>Anastrepha spp</i>	<i>Bactrocera oleae</i>	<i>Bactrocera spp</i>
Fruit fly	American fruit fly	Olive fruit fly	Genus of the fruit fly family
Trimedlure Plugs TMD	Torula Pellets PBX	1,7-dioxaspiro-5,5-undecane Plug CMM	Cuelure Plugs CUE
Torula Pellets PBX	Hydrolyzed Protein CPH		Methyl Eugenol Plugs - MEU
Hydrolyzed Protein CPH	Feed Bait ANA		
Feed Bait TMA			

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DELTA TRAPS LINERS



Descripción

Made of waterproof cardboard with long-lasting non-toxic permanent adhesive, specially designed for use in Delta traps. Additionally, they have a special grid that facilitates the counting of captures.

Características

- › Material: Waterproof cardboard
- › Colour: White with green grid
- › Size: 18.5 x 18.5 cm

Packaging

Box containing 100 units; each packet has 20 units.

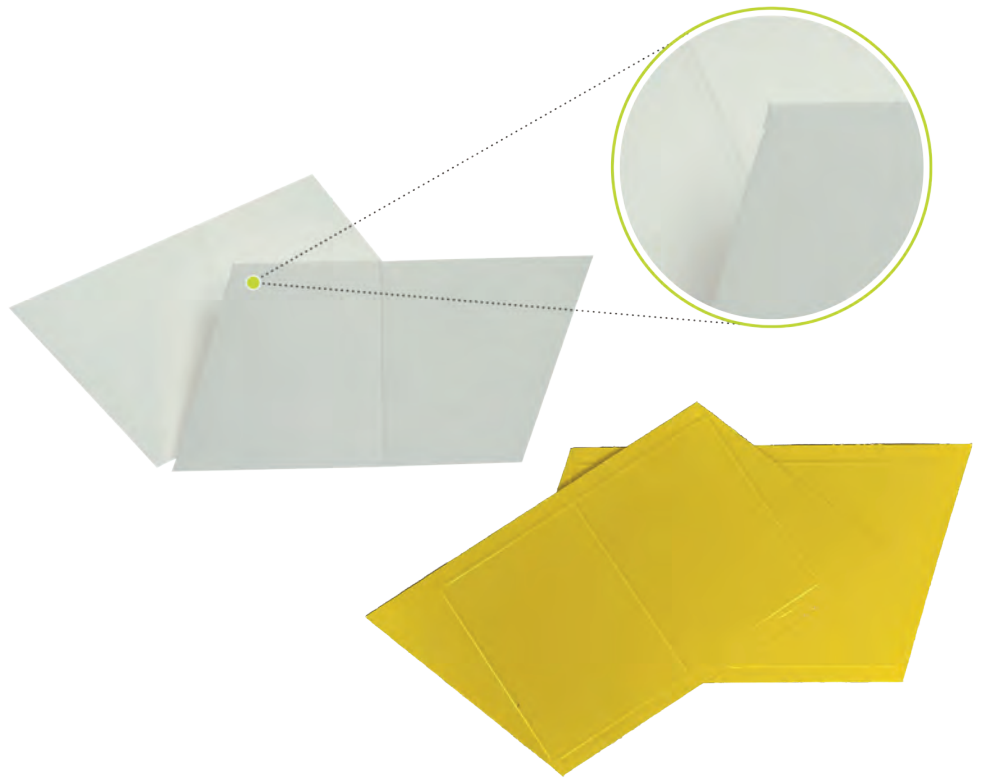
Usage

Use in Delta traps together with specific baits for each species.

Preservation

Store in a cool and dry place, avoiding direct exposure to sunlight.

JACKSON TRAP LINERS



Description

Made of waterproof cardboard with long-lasting non-toxic permanent adhesive, specially designed for use in Jackson traps.

Features

- › Material: Waterproof cardboard
- › Colour : White on both sides or white and yellow
- › Size: 15.5 cm x 9.8 cm

Packaging

Box containing 240 units; each packet has 20 units.

Usage

Use in Jackson traps together with specific baits for each species.

Preservation

Store in a cool and dry place, avoiding direct exposure to sunlight.

PLUS TRAP · Traps



Description

Plus Trap is a ready-to-use bait trap with a powerful attractant for *Ceratitis capitata* and *Anastrepha* spp which, through the emission of volatile compounds, exerts a powerful attraction, especially in females flies of the species, which are attracted to the interior of the trap and, as they are unable to escape, they die by drowning inside.

Features

The trap has important design attributes that improve its performance compared to other market alternatives:

- ▶ Invaginated access holes that prevent the insect from escaping
- ▶ Greater dome that favors the condensation of the product, extending its useful life
- ▶ Lower part with anti-spill design against winds or the action of spraying machines

Packaging

Box containing 10 traps (600 traps per pallet of 1 x 1.20 x 1.75 m).

Usage

Plus Trap is ready to use. It is not necessary to add additives or dilute the product. You should remove the strip and hung the product from the tree. That's it.

The amount of Plus Trap per hectare will depend on the pressure, dynamics of the pest and type of crop to be protected, with a minimum of 70 traps per hectare.

When setting up the traps, special attention should be paid to the dynamics of the pest within the property, reinforcing them in places where the greatest pressure is detected.

Hang Plus Trap 1.5 meters above the ground in the sunny part of the plant; the holes of the trap should not be obstructed by leaves or branches.

Plus Trap will need to be replenished before it fully evaporates. The time interval for its replacement may vary depending on temperature, humidity, exposure to sunlight, etc.

Crops	Pests	Doses	Application time
<p>Citric: Orange tree, mandarin orange tree, grapefruit tree.</p> <p>Stone fruit trees: peach tree, plum tree, olive tree, apricot tree.</p> <p>Seed fruit trees: pear tree, apple tree, vines.</p> <p>Tropical fruit trees: (mango tree, guava tree)</p>	<p>Fruit flies: Ceratitis capitata, Anastrepha spp.</p>	<p>A minimum of 70 traps per hectare, depending on the pressure and dynamics of the pest.</p>	<p>The time, the concentration and the number of applications will be determined according to the thresholds of economic damage through attractive traps for the detection of adult flies. It is suggested to monitor these traps at least twice a week.</p>

Preservation

Store in a cool and dry place, avoiding exposure to sunlight. Keep out of reach of children and inexperienced people.

DELTA TRAP PHEROMONE HOLDER · Traps



Description

Made of high-strength plastic, they are designed to place the baits inside the Delta traps, preventing it from coming into contact with the sticky base. It has two holes of different diameters so any bait available on the market can be used.

Características

- › Material: High- strength plastic
- › Size: 9.5 x 2.5 cm. Diameter of the holes: 0.5 and 0.7 cm

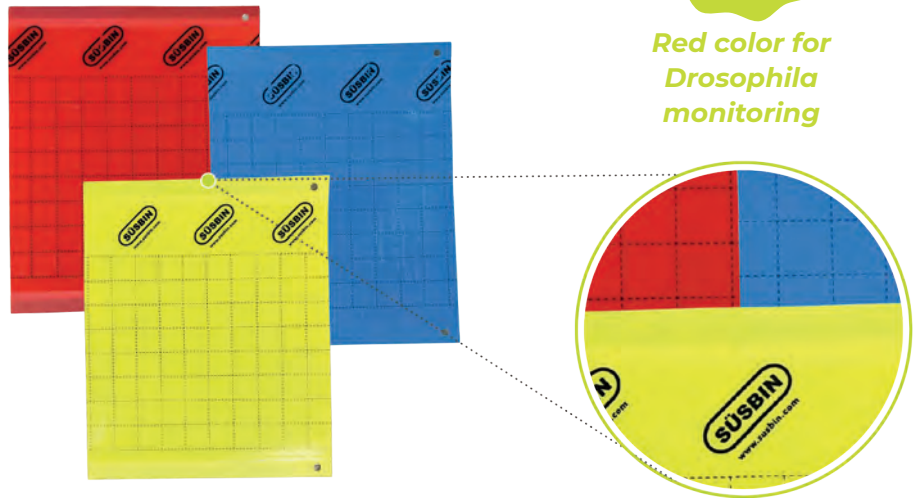
Usage

Place the bait (rubber septa) in the corresponding hole. Hang the pheromone device inside the trap using the trap wire.

STICKY COLOURED TRAPS

NEW

*Red color for
Drosophila
monitoring*



Description

Plastic boards coated with high-quality glue on both sides, featuring a counting grid for capturing small insects (yellow, blue) such as whiteflies, thrips, aphids, Liriomyza Spp., Diaphorina Citri, Sciarids, Psyllids, and sawflies. Also for monitoring Drosophila Suzukii (red).

Features

- › Material: Plastic
- › Colour: Yellow, blue, red
- › Size: 25 cm x 20 cm | 25 cm x 10 cm. Contact us for more sizes

Usage

The boards should begin to be used when there is the presence of 1 or more adults per plant or when initial bites are observed on the cotyledonal and true leaves. The boards should be distributed in a zig-zag way in the crop field, using an average of 35 to 40 boards per hectare, depending on the population to be controlled.

Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

DELTA TRAP · Traps



Description

Made of micro-corrugated plastic with UV filter that ensures a long duration. The traps are removable, which allows for better conservation and storage.

Features

- › Material of the trap: Micro-corrugated plastic with UV filter
- › Material of the hook: 1.7 mm galvanized wire
- › Colour: White, orange or red
- › Size: 11.5 cm height - 20 cm x 20.8 cm base

Packaging

Box containing 80 units.

Usage

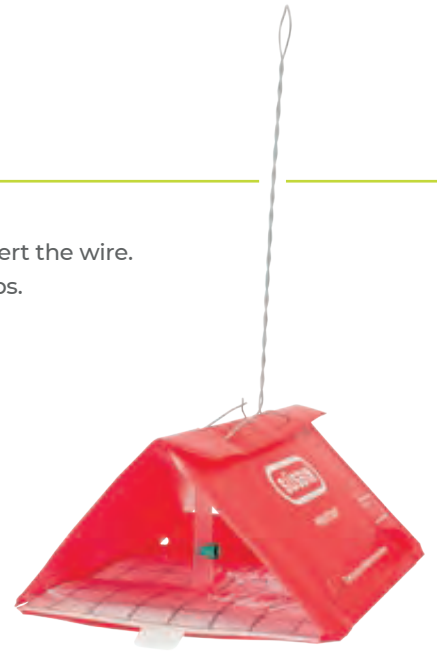
For the monitoring of lepidoptera, it must be used with a sticky base together with the specific bait of the pest to be monitored and hung in the center of the tree; the entrance of the trap should not be obstructed by leaves or branches.

<i>Cydia pomonella</i>	<i>Grapholita molesta</i>	<i>Tuta absoluta</i>	<i>Lobesia botrana</i>
Codling moth	Oriental moth	Tomato moth	Grapevine moth
Baits of 8.10 dodecadienol	Baits of Z-8-dodecenyl acetate	Baits of Z11, Z8, E3-tetradecadienyl acetate	Baits of E7, Z9 dodecadienyl acetate
RED DELTA TRAP	RED DELTA TAP	WHITE DELTA TRAP	WHITE DELTA TRAP



Traps Assembling

Fold the sides. Insert the flap into the hole. Insert the wire.
Lock the base on both sides using the hook tips.

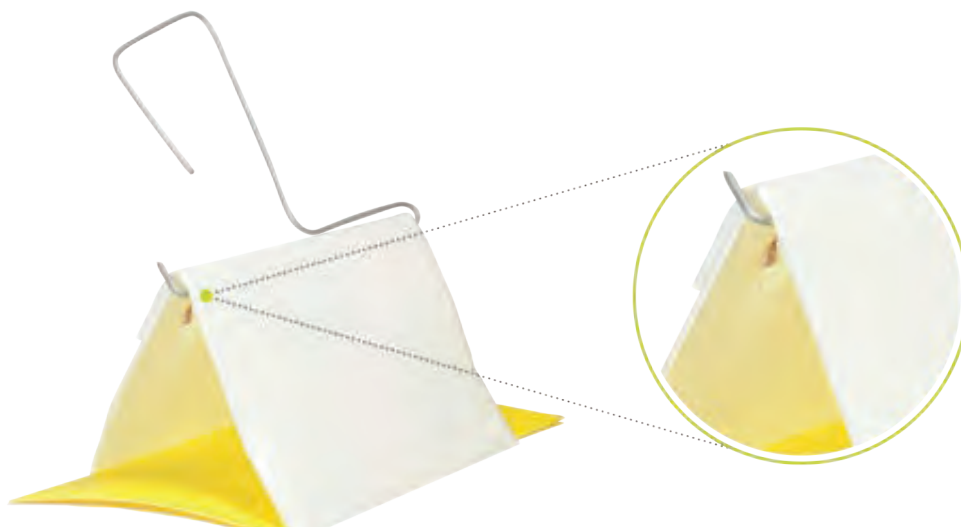


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JACKSON TRAP · Traps



Description

Made of micro-corrugated plastic with UV filter that ensures a long duration. *Ceratitis capitata* monitoring trap.

Características

- › Material of the trap: Micro-corrugated plastic with UV filter
- › Material of the hook: 2.6 mm galvanized wire
- › Trap base: 10 cm x 12.8 cm
- › Trap height: 8 cm

Packaging

Box containing 200 units.

Usage

For the monitoring of diptera, the corresponding pheromone according to the below chart must be used together with a pheromone trap and a sticky base for Jackson traps.

<i>Ceratitis Capitata</i>	<i>Bactrocera Oleae</i>	<i>Bactrocera Spp</i>
Fruit fly	Olive fruit fly	Genus of the fruit fly family
Trimedlure Plugs TMD	1,7-dioxaspiro-5,5-undecane Plug CMM	Cuelure Plugs – CUE
		Methyl Eugenol Plugs - MEU

SÜSBIN

NEW

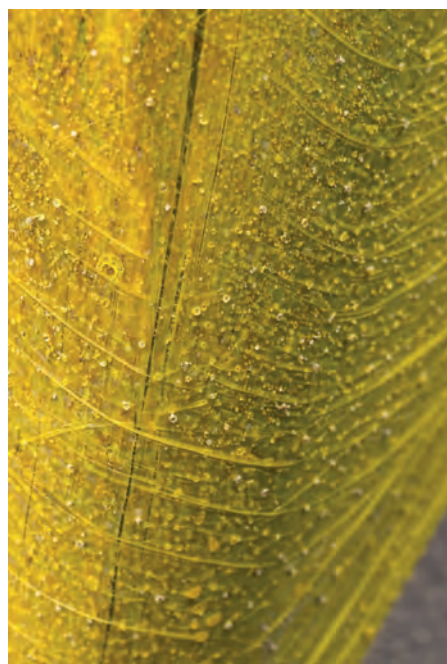
GELTONAS® Sprayable adhesive for chromatic attraction



Description

Geltonas® is a glue, gum or adhesive designed to create chromatic adhesive traps (yellow/blue/White). The use of each of the colors will depend on the pest to be controlled. It is a non-toxic, water-based product for the capture of flies and other flying insects in greenhouses, pig and poultry farms, dairy farms, stables, vegetable gardens, etc.

The product retains its characteristics for a long period of time, it does not dry out and is not washed off by rain, irrigation or spraying. Geltonas® is effective under greenhouse conditions for periods of three months; in open areas exposed to dust, this period decreases.



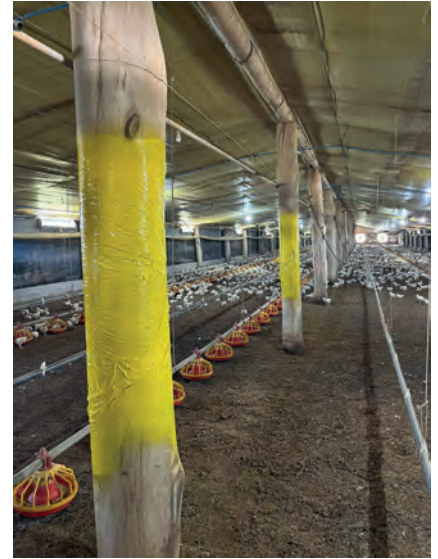
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Features

- ▶ Geltonas® is a sprayable adhesive with **chromatic attraction**.
- ▶ Geltonas® comes **ready to use**. It is not necessary to dilute it or add other products. **Just stretch the polyethylene and apply**.
- ▶ Geltonas® contains **no solvents or pesticides**.
- ▶ Geltonas® is **effective for three months** and **water-resistant**.



Multiple Uses

Its versatility allows it to be used in multiple agricultural environments, without being limited to a single crop or situation. It can be applied in:

Pest **monitoring in horticultural crops**, both in **open field and under protected conditions**.



- ▶ Application in **poultry houses, farms, stables, pig farms, feedlots, industries, warehouses** and other productive facilities for the **monitoring of flying insects**.

Standar Packaging

Plastic bucket of 10 kg.

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Pests

House fly
 Spittlebug
 Lyriomyza (leafminer)
 Mosquitoes
 Gnats
 Horseflies
 Ants
 Stable fly
 Beetles
 Wasps
 Horn fly
 Coffee berry borer
 Thrips
 Aphids
 Whitefly



Usage

Apply Geltonas® by spraying (it can also be applied with a brush or roller) on waterproof surfaces, preferably polyethylene, at a rate of 100 cc to 200 cc per square meter. When the surface becomes covered with insects, simply apply a new dose over the previous layer of Geltonas® without removing the previous product or the insects.

The size of the trap depends on the pest to be captured; in general, an average of 50 cm² of plastic per trap can be considered. Place the traps at a maximum height of 1.50 m and the lower part at no less than 0.6 m. The traps are placed with stakes or between the plants, depending on the crop. It is recommended to place 25 traps/ha for insect monitoring; and 40 traps/ha for insect control.

Recommendations for color use by type of agricultural activity

- **Vegetables (potato, tomato, cilantro, lettuce, etc.):** Place one yellow trap every 250m² prioritizing the headlands and edges of the crop for the control and monitoring of whitefly and lyriomyza.
- **Ornamentals:** In greenhouses, place yellow traps both outside (surrounding the structure) and inside, between pillars or randomly distributed with stakes. In the field, install one trap every 250m² in the same row and every three rows, for the control and monitoring of whitefly and Liriomyza.
- **Strawberry:** Use one trap every 250m². Use blue traps for control and monitoring of thrips, and yellow traps for aphids.
- **Melon:** Place one yellow trap every 250 m² for the control and monitoring of whitefly and lyriomyza.
- **Livestock, pig farms, farms:** Install white traps on the perimeter of the stables, on the structures where the animals are housed, and in the field around fences, intended for fly control.
- **Sugarcane:** Implement one yellow trap for spittlebug monitoring, using a density of 25/ha distributed 22m apart from each other and separated every 11 rows.
- **Oil palm:** Place blue traps every 250m², prioritizing perimeter zones and areas near stables, for fly control.



Preservation

It is recommended to store the product in its original containers, in a cool and dry place, avoiding direct exposure to sunlight.

Safety Instructions

Keep out of reach of children and inexperienced persons. Handle with gloves, and wash exposed skin with plenty of water and soap. In case of ingestion, induce vomiting and consult a doctor immediately.

Warnings

Avoid spilling the product to prevent attraction points outside the trap. Consult an agricultural science professional before purchasing and using this product. Susbin S.A. is responsible for the product's composition until its expiration date. Susbin S.A. is not responsible for any damages of any kind that may result from use other than as recommended.

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ATTRACTANTS



SÜSBIN



Description

The new ANA Bait is a specific attractant for *Anastrepha* spp that can be used alone or in combination with the TMA variety of baits.

ANA Bait has a controlled release membrane that allows a longer duration of the bait with a constant emission rate for more than 120 days.

ANA Bait is a synthetic solution based on amines that act as food bait for *Anastrepha* spp, mainly for the females of the species, for monitoring or control purposes, presenting the following advantages:

- ▶ Specificity
- ▶ It has great capture power
- ▶ It is easy and clean to use
- ▶ It has controlled and constant emission
- ▶ It has high persistence in the field
- ▶ It does not leave residues in fruits

Features

- ▶ Composition: Solution based on aliphatic amines and ammonium salts
- ▶ Lifespan: More than 120 days (depending on weather conditions)
- ▶ Toxicity: Low

Packaging

Box containing 500 units in hermetic reusable sachets; each sachet has 25 units.

Usage

Place the product inside McPhail or Multitrap Traps or TDE Insect Screens and place it in the sunniest part of the tree at a height of 1.5 to 2.0 meters. It is advisable to keep a distance of about 15 meters between the traps. For massive trapping, use a minimum density of 50 traps per hectare. If used in combination with baits from the TMA variety, insert the traps in a proportion of 50 % and 50 % of each type of bait.

ANA Bait: To be used in dry or liquid consistency in traps.

- Place the sachet as it comes in its original packet inside the trap next to the vapona (dry trap) or in 200 cc. of water (wet trap).
- Hang the trap.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

JACK TRAP · *Attractants*

NEW

**Description**

Specific food bait for the capture of *Vespula germanica*.

Features

- › Non-toxic product made from natural ingredients.

Usage

Place the Jack Trap inside the TDE Insect Screen with 200 cc of water. The trap should be placed in a shady spot at a height of 1.5 to 2.0 meters. It should not be obstructed by leaves or branches.

The traps should be placed around the perimeter in order to keep the insect away, avoiding its direct exposure to sunlight.

The bait container should be disposed of in a trash can away from the treated area.

Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date. **Susbin S.A.** is not responsible for damages of any nature that may derive from a different use of the product.

TORULA YEAST/BORAX PELLETS · *Attractants*



Description

Used as monitoring bait for McPhail or Multitrap traps. They are made from torula yeast and borax and are a powerful attractant for female fruit flies.

Features

- › Format: Pills
- › Colour: Light-brown
- › Weight: 5 g
- › Toxicity: Non-toxic

Packaging

10 or 12 kg plastic bucket.

Usage

When used for monitoring purposes, four torula yeast/borax pellets should be placed along with 200 cc of water in McPhail or Multitrap traps. It is recommended to replace the mix once a week.

Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.



Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

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PLUS TRAP · Attractants



Description

Plus Trap® is a ready-to-use bait trap with a powerful attractant for *Ceratitis capitata* and *Anastrepha* spp which, through the emission of volatile compounds, exerts a powerful attraction, especially in females flies of the species, which are attracted to the interior of the trap and, as they are unable to escape, they die by drowning inside.

Features

- ▶ **Specific.** Plus Trap® is a specific food attractant for *Ceratitis capitata* and *Anastrepha* spp with a high protein content that exerts a high power of attraction, especially in females flies.
- ▶ **Clean.** Plus Trap® is a biological product free of insecticides.
- ▶ **Ready to use.** Plus Trap® it is not necessary to dilute or add other products.
- ▶ **Affordable.** Plus Trap® allows the re-baiting of the traps through its economical refill drum.

Protein hydrolyzate	84 % p/p
Additives	7 % p/p
Preservatives	9 % p/p

- ▶ Lifespan: More than 30 days (depending on weather conditions)
- ▶ Toxicity: Low

Packaging

Box containing 10 traps (600 traps per pallet of 1 x 1.20 x 1.75 m).
Economical 20-litre refill drum (metering valves are also available).

Forma de Uso

Plus Trap® is ready to use. It is not necessary to add additives or dilute the product. You should remove the strip and hung the product from the tree. That's it.

The amount of Plus Trap® per hectare will depend on the pressure, dynamics of the pest and type of crop to be protected, with a minimum of 70 traps per hectare.

When setting up the traps, special attention should be paid to the dynamics of the pest within the property, reinforcing them in places where the greatest pressure is detected.

Hang Plus Trap® 1.5 meters above the ground in the sunny part of the plant; the holes of the trap should not be obstructed by leaves or branches.

Plus Trap® will need to be replenished before it fully evaporates. The time interval for its replacement may vary depending on temperature, humidity, exposure to sunlight, etc.

Crops	Pests	Doses	Application time
<p>Citric: (Orange tree, mandarin orange tree, grapefruit tree)</p> <p>Stone fruit trees: (peach tree, plum tree, olive tree, apricot tree)</p> <p>Seed fruit trees: (pear tree, apple tree, vines)</p> <p>Tropical fruit trees: (mango tree, guava tree)</p>	<p>Fruit flies: (Ceratitis capitata, Anastrepha spp)</p>	<p>A minimum of 70 traps per hectare, depending on the pressure and dynamics of the pest.</p>	<p>The time, the concentration and the number of applications will be determined according to the thresholds of economic damage through attractive traps for the detection of adult flies. It is suggested to monitor these traps at least twice a week.</p>

Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

SWD LURE · Attractants



Description

SWD Lure ® is a bait trap ready to be used with a powerful attractant for *Drosophila suzukii* (especially females flies) which, through the emission of volatile compounds, exerts a powerful attraction on this pest, not requiring insecticides since they cannot leave the trap and die by drowning inside.

Features

- ▶ **Specific.** SWD Lure ® is a specific food attractant for *Drosophila suzukii* that exerts a high power of attraction, especially in females flies.
- ▶ **Clean.** SWD Lure ® is a biological product free of insecticides.
- ▶ **Ready to use.** SWD Lure ® it is not necessary to dilute or add other products.
- ▶ **Affordable.** SWD Lure ® allows the re-baiting of the traps through its economical refill drum.

- ▶ Peptides 2,87% p/p
- ▶ Inert organic acids 5% p/p
- ▶ pH 4
- ▶ Lifespan: More than 30 days (depending on weather conditions)
- ▶ Toxicity: Low

Packaging

- Economical 20-litre refill drum (metering valves are also available)
- Box containing 10 traps (600 traps per pallet of 1 x 1.20 x 1.75 m)



Usage

SWD Lure ® is ready to use. It is not necessary to add additives or dilute the product.

The amount of SWD Lure ® per hectare will depend on the pressure, dynamics of the pest and type of crop to be protected, with a minimum of 70 traps per hectare.

When setting up the traps, special attention should be paid to the dynamics of the pest within the property, reinforcing them in places where the greatest pressure is detected.

Hang SWD Lure ® 1.5 meters above the ground in the sunny part of the plant; the holes of the trap should not be obstructed by leaves or branches.

SWD Lure ® will need to be replenished before it fully evaporates. The time interval for its replacement may vary depending on temperature, humidity, exposure to sunlight, etc.

Crops	Pests	Doses	Application Time
Blueberries, Strawberry, Raspberry	Spot-winged flies (Drosophila suzukii)	A minimum of 70 traps per hectare, depending on the pressure and dynamics of the pest	The time, the concentration and the number of applications will be determined according to the thresholds of economic damage through attractive traps for the detection of adult flies. It is suggested to monitor these traps at least twice a week.
Figs			
Stone fruit trees (cherry tree, peach tree, plum tree, apricot tree)			
Seed fruit trees (vines)			
Tropical fruit trees (mango tree, guava tree, etc.)			

Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

TMA DIFFUSER · *Attractants*



Description

TMA Diffuser incorporates a controlled release membrane that allows a longer duration of the bait with a constant emission rate for more than 120 days.

TMA Diffuser is a synthetic solution based on amines that act as food bait for the fruit fly (*Ceratitis capitata*), mainly for the females of the species, for monitoring or control purposes, presenting the following advantages:

- ▶ It has great capture power
- ▶ It has high persistence in the field
- ▶ It is easy and clean to use
- ▶ It does not leave residues in fruits
- ▶ It has controlled and constant emission

Features

- ▶ Composition: Solution based on aliphatic amines and ammonium salts
- ▶ Lifespan: More than 120 days (depending on weather conditions)
- ▶ Toxicity: Low

Packaging

Box containing 500 units in hermetic reusable sachets; each sachet has 25 units.

Usage



Place the product inside McPhail or Multitrap Traps or TDE Insect Screens and place it in the sunniest part of the tree at a height of 1.5 to 2.0 meters. It is advisable to keep a distance of about 15 meters between the traps. For massive trapping, use a minimum density of 50 traps per hectare.

TMA Diffuser: To be used in dry or liquid consistency in raps.
· Place the sachet as it comes in its original packet inside

the trap next to the vapona (dry trap) or in 200 cc. of water (wet trap).

· Hang the trap.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

TMA CARD · *Attractants*



Descripción

The **TMA card** line is a practical and economical solution for non-prolonged periods of use in the field (45, 60 or 90 days).

The **TMA card** is a synthetic solution based on amines that act as food bait for the fruit fly (*Ceratitis capitata*), mainly for the females of the species, for monitoring or control purposes, presenting the following advantages:

- ▶ It has great capture power
- ▶ It has high persistence in the field
- ▶ It is easy and clean to use
- ▶ It does not leave residues in fruits

Features

- ▶ Composition: Solution based on **aliphatic amines and ammonium salts**
- ▶ **Toxicity: Low**
- ▶ **Lifespan** (depending on weather conditions):
 - TMA 45 45 days
 - TMA liquid 60 days
 - TMA card 90 days

Packaging

Box containing 500 units in hermetic reusable sachets; each sachet has 25 units.

Usage

Place the product inside McPhail or Multitrap Traps or TDE Insect Screens and place it in the sunniest part of the tree at a height of 1.5 to 2.0 meters. It is advisable to keep a distance of about 15 meters between the traps. For massive trapping, use a minimum density of 50 traps per hectare.

TMA Card or 45: To be used in dry or liquid consistency in traps.

- Cut the sachet at one of its corners.
- Place the sachet next to the vapona (dry trap) or in 200 cc. of water (wet trap).
- Hang the trap.



TMA liquid: To be used in liquid consistency.

- Mix the contents of the sachet with 200 cc. of water inside the trap.
- Hang the trap.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.



Description

New attractant of three components: TMA TRI. This new attractant incorporates 1,4-diamino butane (putrescine) into its formula, which makes it the ideal attractant not only for *Ceratitis capitata*, but also for other American species of fruit flies.

TMA TRI has a controlled release membrane that allows a longer duration of the bait with a constant emission rate for more than 120 days.

TMA TRI is a synthetic solution based on amines that act as food bait for several species of fruit flies, mainly for the females of the species, for monitoring or control purposes, presenting the following advantages:

- ▶ It has great capture power
- ▶ It has controlled and constant emission
- ▶ It has wide spectrum of attraction
- ▶ It has high persistence in the field
- ▶ It is easy and clean to use
- ▶ It does not leave residues in fruits

Features

- ▶ Composition: Solution based on aliphatic amines and ammonium salts
- ▶ Lifespan: More than 120 days (depending on weather conditions)
- ▶ Toxicity: Low

Packaging

Box containing 500 units in hermetic reusable sachets; each sachet has 25 units.

Usage

Place the product inside McPhail or Multitrap Traps or TDE Insect Screens and place it in the sunniest part of the tree at a height of 1.5 to 2.0 meters. It is advisable to keep a distance of about 15 meters between the traps. For massive trapping, use a mini-



imum density of 50 traps per hectare.

TMA TRI: To be used in dry or liquid consistency in traps.

- Place the sachet as it comes in its original packet inside the trap next to the vapona (dry trap) or in 200 cc. of water (wet trap).

- Hang the trap.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

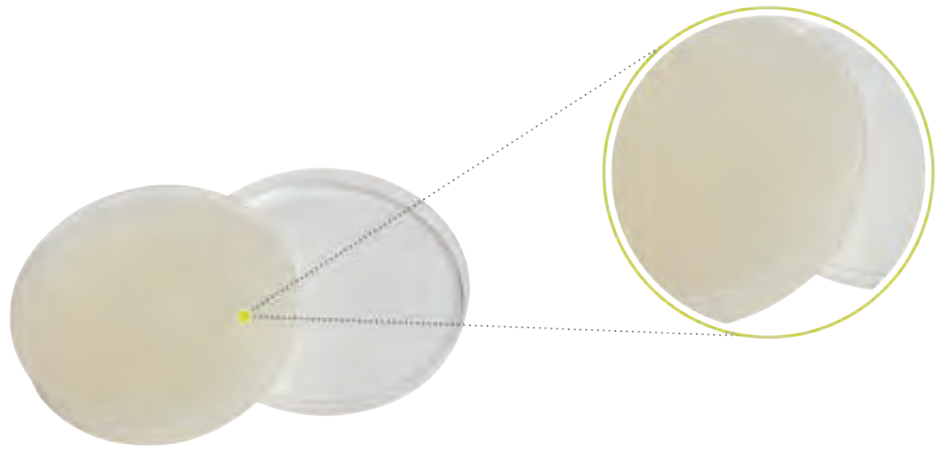
Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

TNU - TETRANICHUS URTICAE REPELLENT · *Attractants*



Description

The SÜSBIN TNU mite repellent Plug lowers and controls populations, lengthening treatment cycles with chemical molecules, allowing a decrease of up to 28% in the costs of using acaricides.

Features

The SÜSBIN TNU mite repellent Plug acts on all stages of the pest's life cycle:

- ▶ Prevents the hatching of eggs
- ▶ Starves nymphs and motile states
- ▶ Eliminates the adults, which fall from the plant due to overexcitation

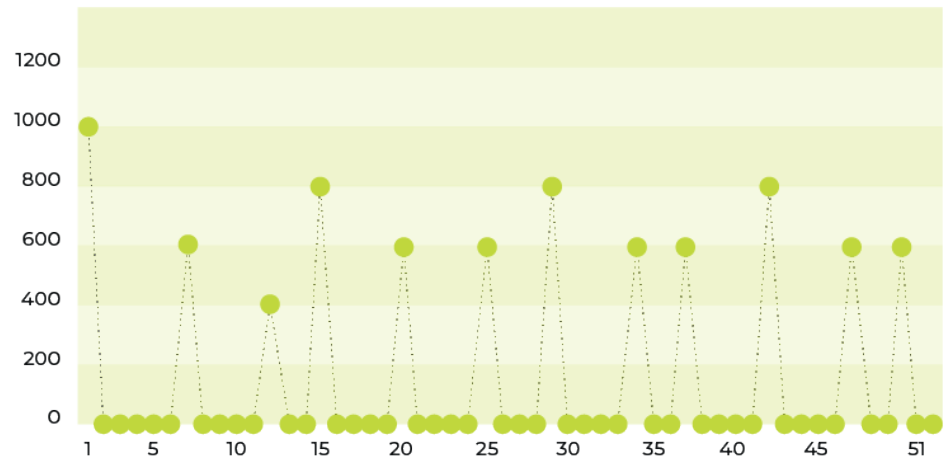
Usage

The SÜSBIN TNU mite repellent Plugs should be placed in the lower or middle third of the greenhouse beds.

The greenhouse must be in good condition and kept without strong wind currents to facilitate vaporization.



The number of plugs per hectare and their frequency of application must follow the following scheme:



Preservation

Store in a cool and dry place, avoiding exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

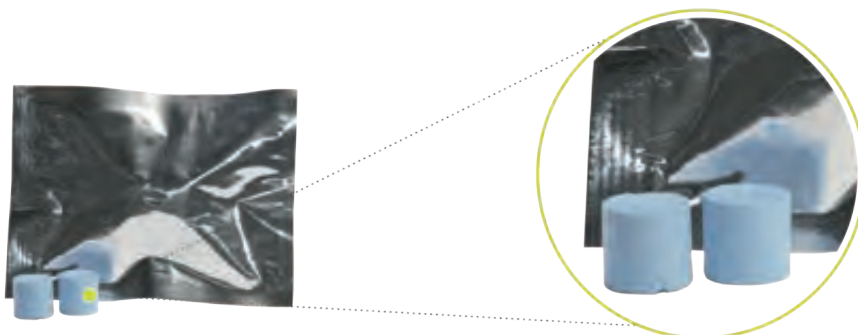
Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

PHEROMONES

SÜSBIN

CUELURE PLUGS • CUE · *Pheromones*



Description

Susbin CUE (cuelure) plugs are used as sexual attractants of *Bactrocera* spp males flies in Jackson (recommended) or McPhail traps or in insect screens for monitoring purposes.

Features

- ▶ Colour: light-blue
- ▶ Concentration:
 - 1.5 g (active ingredient);
 - 2 g (active ingredient)
- ▶ Holder device: Polymeric matrix
- ▶ Toxicity: Non-toxic
- ▶ Lifespan:
 - 30 days for 1.5 g (active ingredient) (depending on weather conditions)
 - 60 days for 2 g (active ingredient) (depending on weather conditions)

Packaging

Box containing 1,000 units in hermetic sachets; each sachet has 2 units.

Usage

In Jackson traps (recommended) inside the pheromone trap. Trap captures must be monitored weekly in order to correctly determine the FTD of the trap to apply control measures in a timely manner.

$$FTD = \frac{\text{Total number of flies}}{(\text{Number of traps} \times \text{Average number of days of traps in the field})}$$

Fruit flies mate in the treetops to protect themselves from predators and the wind; for this reason, the traps should be located near the fruits in the upper third of the tree, they must be exposed to the sun as little as possible, and the entrance of the trap should not be obstructed by branches or any other element.

If a trap is placed in creeping plants (for example, melon) near the fruiting area, physical devices must be used to support the trap.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

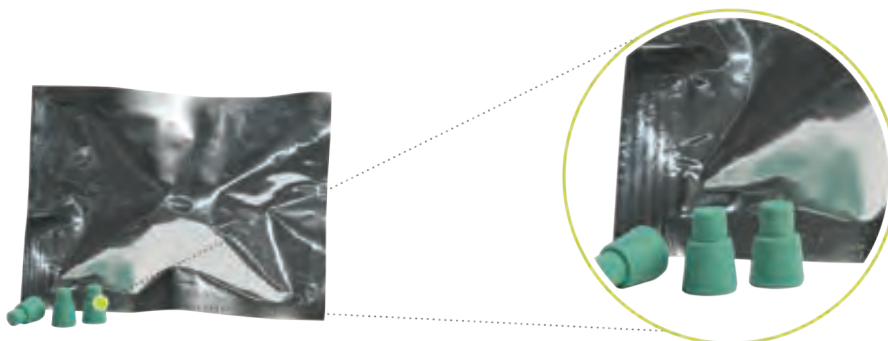
Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

CARPOLURE · Pheromones



Description

Carpolure Susbin bait for codling moth (*Cydia pomonella*) is used as a sexual attractant in Delta traps for monitoring purposes.

The Carpolure Susbin baits are used to detect and know the populations of these insects through the periodic recording of captures of males of this species.

This information is useful to:

- ▶ Detect the first sustained capture of males, which marks the start of pest generations in a season.
- ▶ Know the pest pressure in a given sector.
- ▶ Obtain flight curves, which allows to make comparisons between sectors and monitoring seasons.
- ▶ Estimate the most suitable and effective moment for the application of products for its control.

Features

- ▶ Active matter: 8.10 dodecadienol
- ▶ Holder device: Rubber
- ▶ Toxicity: Non-toxic
- ▶ Concentration: 10x (for plots with sexual confusion) and 1x (for plots with sexual confusion)
- ▶ Lifespan: 6 weeks (depending on weather conditions)

Packaging

Box containing 1,500 units in hermetic sachets; each sachet has 2 or 3 units.

Usage

For monitoring, place a Carpolute Susbin bait in the pheromone holder for each Delta trap.

It is recommended to install the trap in the upper third of the tree; the entrance of the trap should not be obstructed by leaves or branches.

From the date of the installation, the traps must be checked every day until the detection of the first sustained capture, which marks the biological beginning of the pest. Subsequently, a review of at least three times a week is recommended until the end of the season.

Area in Hectares	Number of Traps
Less than 12 hectares	Minimum of 2 traps
From 12 to 32 hectares	1 trap every 4 hectares
More than 32 hectares	1 trap every 6 hectares

Preservation

It is recommended to store it in a freezer at -18°C . Before opening, bring it to room temperature.

Safety Regulations

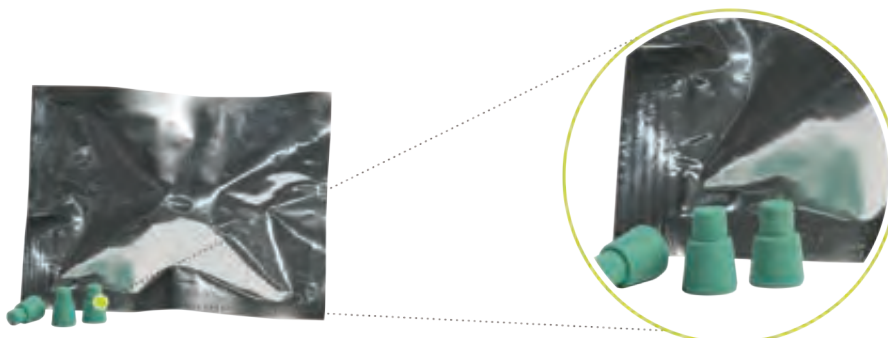
Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product



Description

Grapholure Susbin bait for oriental moth (*Grapholita molesta*) is used as a sexual attractant in Delta traps for monitoring purposes.

The Grapholure Susbin baits are used to detect and know the populations of these insects through the periodic recording of captures of males of this species.

This information is useful to:

- ▶ Detect the first sustained capture of males, which marks the start of pest generations in a season.
- ▶ Know the pest pressure in a given sector.
- ▶ Obtain flight curves, which allows to make comparisons between sectors and monitoring seasons.
- ▶ Estimate the most suitable and effective moment for the application of products for its control.

Features

- ▶ Active matter: **Z-8-dodecenyl acetate**
- ▶ Holder device: **Rubber**
- ▶ Toxicity: **Non-toxic**
- ▶ **Concentration:** 10x (for plots with sexual confusion) and 1x (for plots with sexual confusion)
- ▶ **Lifespan:** 6 weeks (depending on weather conditions)

Packaging

Box containing 1,500 units in hermetic sachets; each sachet has 2 or 3 units.

Usage

For monitoring, place a Grapholure Susbin bait in the pheromone holder for each Delta trap.

It is recommended to install the trap in the upper third of the tree; the entrance of the trap should not be obstructed by leaves or branches.

From the date of the installation, the traps must be checked every day until the detection of the first sustained capture, which marks the biological beginning of the pest. Subsequently, a review of at least three times a week is recommended until the end of the season.

Area in Hectares	Number of Traps
Less than 12 hectares	Minimum of 2 traps
From 12 to 32 hectares	1 trap every 4 hectares
More than 32 hectares	1 trap every 6 hectares

Preservation

It is recommended to store it in a freezer at -18°C . Before opening, bring it to room temperature.

Safety Regulations

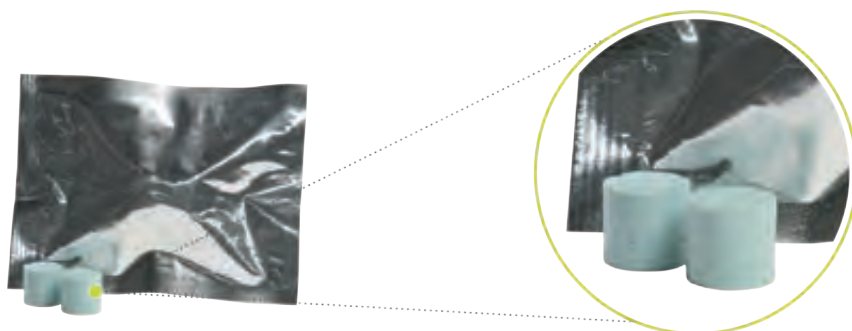
Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.



Description

Methyl Eugenol Plugs **MEU Susbin** are used as sexual attractants for monitoring purpose of *Bactrocera* spp males. We recommend to use them with **Süsbin Jackson traps** (recommended), **Multitrap** or **Mass trapping traps**.

Features

- ▶ Colour: **pale green**
- ▶ **Concentration:**
 - 1,5 gr. IA
 - 2 gr. IA
- ▶ Device carrier: **polymeric matrix**
- ▶ Toxicity: **non toxic**
- ▶ **Field life:**
 - 1,5 gr. IA 30 days (depending on weather conditions).
 - 2 gr. IA 60 days (depending on weather conditions).

Standard Packaging

1.000 units box (500 units of two plugs each).

Usage

Use with Jackson traps (recommended). Captures should be controlled weekly to calculate trap FTD as to define control measures.

$$FTD = \frac{\text{Total fly captures}}{(\text{Number of traps} \times \text{Average days of the traps in field})}$$

Fruit flies mate in the treetops to protect them from predators and the wind, for this reason, the traps should be located near the fruits in the upper middle third of the tree, leave as little as possible exposed to the sun and avoid that the entrance of the trap is obstructed by branches or any other object.

In the case of trapping in creeping crops (for example melon), physical supports must be used to hold the trap, making it located near the fruiting zone of the plants.

Storage

It is recommended to keep it in the original packaging in a cool and dry place, avoiding direct exposure to sunlight.

Safety Precautions

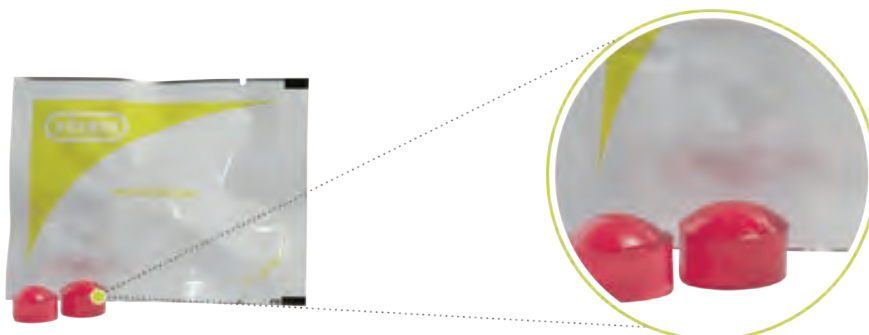
Keep out of the reach of children and inexperienced people. Handle with gloves, wash the exposed surface with plenty of soap and water. If swallowed, induce vomiting and consult a doctor immediately.

Warnings

Avoid product spill in order to avoid sources of attraction outside the trap. Consult an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may arise from a different use of the product.



Description

Susbin TMD (trimedlure) plugs are used as sexual attractants of *Ceratitis capitata* males flies in **Jackson** (recommended) or **McPhail traps** or in insect screens for monitoring purposes.

Features

- ▶ Colour: Red
- ▶ Concentration:
 - 2 g (active ingredient);
 - 4 g (active ingredient)
- ▶ Holder device: Polymeric matrix
- ▶ Toxicity: Non-toxic
- ▶ Lifespan:
 - 45 days for 2 g (active ingredient) (depending on weather conditions)
 - 90 days for 4 g (active ingredient) (depending on weather conditions)

Packaging

Box containing 1,000 units in hermetic sachets; each sachet has 2 units.

Usage

In Jackson traps (recommended) inside the pheromone trap. Trap captures must be monitored weekly in order to correctly determine the FTD of the trap to apply control measures in a timely manner.

$$\text{FTD} = \frac{\text{Total number of flies}}{(\text{Number of traps} \times \text{Average number of days of traps in the field})}$$

Fruit flies mate in the treetops to protect themselves from predators and the wind; for this reason, the traps should be located near the fruits in the upper third of the tree, they must be exposed to the sun as little as possible, and the entrance of the trap should not be obstructed by branches or any other element.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

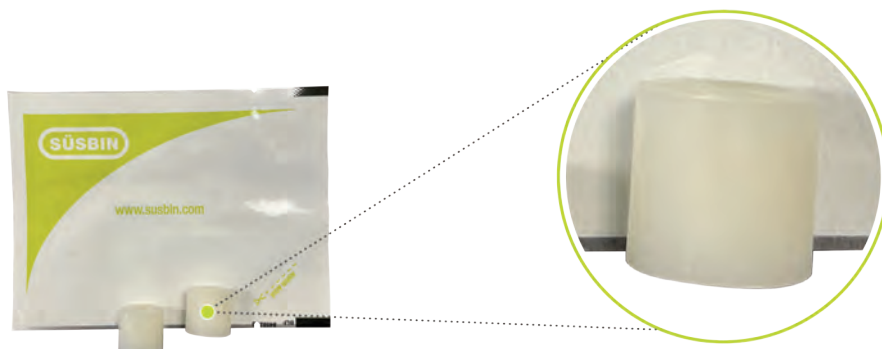
Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.



Description

1,7-dioxaspiro-(5,5) undecane **CMM Susbin** plugs are used as sexual attractants for *Bactrocera oleae* males for monitoring purposes. **Jackson Traps** (recommended), **McPhail Traps**, **Fly Traps** or **Delta Traps** can be used.

Features

- ▶ Colour: **white**
- ▶ **Concentration:** 0,13 gr AI
- ▶ Holder device: **Polymeric matrix**
- ▶ Toxicity: **non toxic**
- ▶ Lifespan: **90 days** (depending on weather conditions)

Packaging

Box containing 1,000 units in hermetic sachets; each sachet has 2 units.

Usage

In Jackson traps (recommended) inside the pheromone trap. Trap captures must be monitored weekly in order to correctly determine the FTD of the trap to apply control measures in a timely manner.

$$\text{FTD} = \frac{\text{Total number of flies}}{(\text{Number of traps} \times \text{Average number of days of traps in the field})}$$

Bactrocera oleae mate in the treetops to protect themselves from predators and the wind; for this reason, the traps should be located near the fruits in the upper third of the tree, they must be exposed to the sun as little as possible, and the entrance of the trap should not be obstructed by branches or any other element.

If a trap is placed in creeping plants (for example, melon) near the fruiting area, physical devices must be used to support the trap.



Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Precautions

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

Susbin S.A. is responsible for the composition of the product until its expiration date.

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CHEMICAL APPLICATION

SÜSBIN

HYDROLYZED PROTEIN · *Chemical Application*



Description

Susbin CPH hydrolyzed protein is a product with a high protein content formulated for the attraction of *Ceratitis capitata* and *Anastrepha* spp. Susbin CPH increases the effectiveness of insecticide sprays.

It can be used both in aerial and ground fumigations and also in McPhail or Multitrap traps. It is a non-toxic product for birds and bees.

Features

- ▶ Aspect: Viscous liquid
- ▶ Colour: Brown
- ▶ Protein (dry basis): 30/35 %
- ▶ pH: 4-5
- ▶ Toxicity: Non-toxic
- ▶ Additives: 2 %
- ▶ Compatibility with insecticides: Compatible

Packaging

Drum for 20 liters.

Usage

Susbin CPH is a low-density protein very suitable for spot treatments, highly safe in terms of not staining the fruit, that can be used as an attractant between 1 and 5 % mixed with permitted insecticides.

Treatments are always recommended in spot application (10-50 l/ha). It is never applied to the whole plant to avoid imbalances with beneficial entomofauna or residues in fruit.

Depending on the population level, the spot should be applied every 3 centers, every 2 or in all centers.

It should always be applied with large droplet greater than 300 microns, if possible.

It is recommended to act early to carry out an efficient application.

Preparation

Equipment: volumes and application techniques.

It can be applied by manual backpack, high or low volume ground sprayers or by aerial applications.

Terrestrial applications

Add 1 to 5 liters of product to the selected insecticide broth in order to complete 100 liters. This volume will cover the treatment for 1 hectare. The higher the concentration, the greater the residuality and the interval between applications.

Do not apply during the hours of greatest insolation and temperature.

Use in McPhail type traps

Mix 50 cc of product with 150 cc of water and place it inside the trap. Hang the trap at a height of 1.5 meters on the sunniest side of the plant; the entrance of the trap should not be obstructed by branches or leaves. Check the trap weekly and re-bait if necessary.

Aerial applications

Consult with the aero applicator.

Preservation

It is recommended to store them in the original containers in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

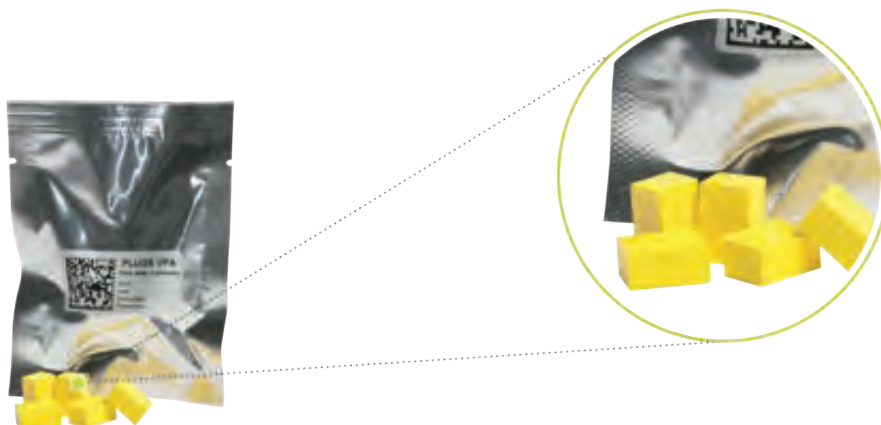
Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.

Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

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Description

Susbin VPA dichlorvos plugs are specially designed for use in “dry” traps together with food attractants in McPhail or Multitrap traps or insect screens.

Features

- ▶ Holder device: Polymeric matrix
- ▶ Colour: Yellow
- ▶ Concentration: 17.5 % p/p
- ▶ Weight: 1.5 g
- ▶ Lifespan: 120 days (depending on weather conditions)

Packaging

Box containing 4,000 units in hermetic sachets; each sachet has 5 units.

Usage

Use with food attractants in McPhail or Multitrap traps or insect screens for massive capture programs.

Preservation

It is recommended to store them in the original sachets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of soap and water. If ingested, you should induce vomiting and seek medical advice immediately.



Warnings

Avoid product spillages in order to prevent attraction areas outside the trap. Confer with an agricultural science professional before purchasing and using this product.

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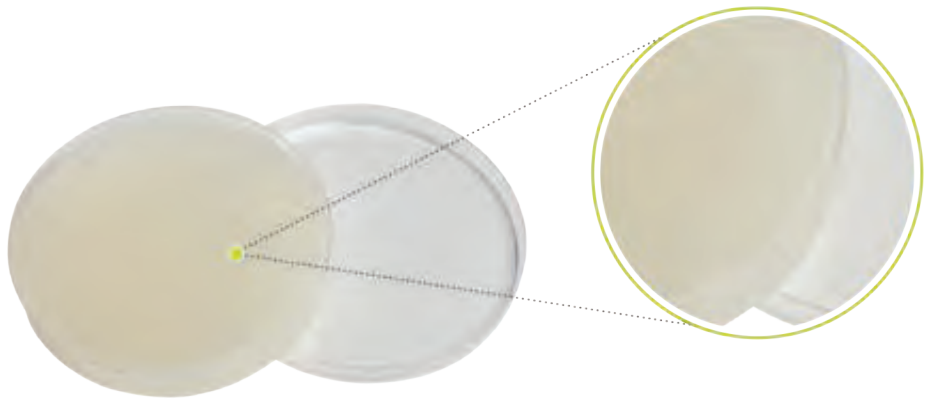
 www.susbin.com



BIO PLANTS SUPPLIES

SÜSBIN

ENTOMOLOGICAL GLUE • STICKEM · *Bio Plants Supplies*



Description

The entomological glue Stickem is a high-density tropicalized agricultural glue ideal for all types of insect traps that supports a wide variety of climates, remaining sticky throughout the season. It is NON-TOXIC and easy to use.

Using entomological glue Stickem on cardboard, plastic, wood or metal surfaces, you turn common objects into real traps for insects in agricultural, livestock and domestic environments.

Features

- › Resistant to adverse climates.
- › Extended lifespan in the field.
- › Ideal for creating various types of insect traps.
- › For use in regulated traps.
- › Non-toxic.
- › Easy to use.

Packaging

Drums of 165 kg.

Preservation

It is recommended to store them in the original packets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of water.



Warnings

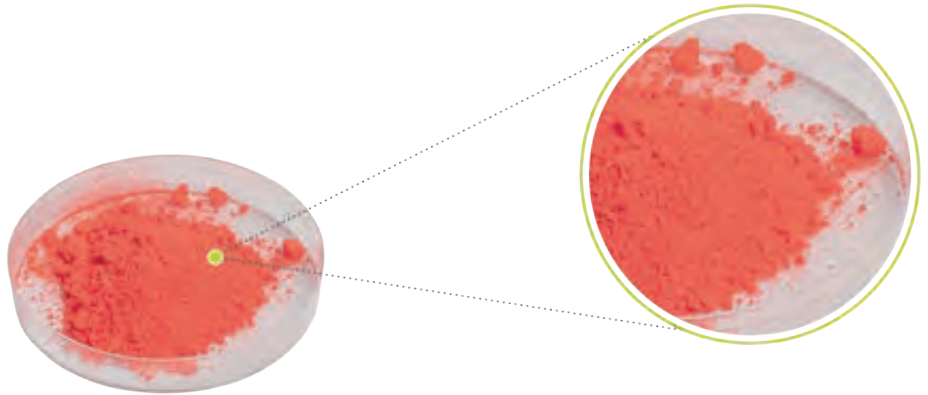
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Description

Specially formulated to colour the pupae of the sterile males that are going to be released which, when illuminated with an ultraviolet source, absorbs that energy and emits it in the form of light during the time that the bulb is in contact. This allows an easy identification in the laboratory between irradiated and wild material.

Features

Available in rocket red, orange and other colours.

Packaging

Boxes of 25 kg.

Preservation

It is recommended to store them in the original packets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulations

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of water.

Warnings

Susbin S.A. is responsible for the composition of the product until its expiration date.

Susbin S.A. is not responsible for damages of any nature that may derive from a different use of the product.

TORULA YEAST · *Bio Plants Supplies*



Description

Inactive dry torula yeast is an economical and effective product for the preparation of larval diets, allowing a higher yield than brewer's yeast.

Features

- › Protein ≥ 45%
- › Humidity ≤ 7%
- › pH (2 % solution) 5.1 – 7.4
- › Colour and appearance Characteristic
- › Lifespan 120 days (depending on weather conditions)
- › Energy 322 Cal
- › Vitamin A <50 IU

Packaging

Paper bags of 22.69 kg.

Preservation

It is recommended to store them in the original packets in a cool and dry place, avoiding direct exposure to sunlight.

Safety Regulation

Keep out of reach of children and inexperienced people. Handle with gloves. Wash the exposed surface with plenty of water.



Warnings

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 +54 261 447 3072

 ventas@susbin.com

 www.susbin.com

ASHLAND® • STERIN IRRADIATION INDICATORS



Description

Ashland® Sterin Irradiation Indicators have been specially designed for the Sterile Insect Technique (SIT) by providing visual identification of the minimum required irradiation level (70 Gy, 100 Gy, 125 Gy or 145 Gy) or levels above it.

When it is applied to the products to be irradiated, the Ashland® Sterin Irradiation Indicators show if the products have been irradiated or not. When the products are exposed to irradiation, the word NOT on the indicator darkens and disappears, and only the word IRRADIATED remains legible.

Ashland® Sterin Irradiation Indicators can be used to determine whether or not a product has been irradiated. They should never be used to measure the doses received by the irradiator.

Features

- ▶ Easy to use
- ▶ Easy to interpret
- ▶ Easy to stick
- ▶ Contain radiation sensitive film

Packaging

Box containing 500 Indicators.

Usage

- ▶ Reduces operator errors
- ▶ Provides positive visual verification of irradiation
- ▶ Improves quality control
- ▶ Meets cGMP requirements



Preservation

Ashland® Sterin Irradiation Indicators should be kept at a temperature of up to 25°C, avoiding direct exposure to sunlight, X-rays or any other source of radiation.

Safety Regulations

Keep out of reach of children and inexperienced people.

Warnings

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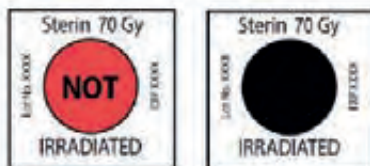
 www.susbin.com

sterin™ irradiation indicators

verify your irradiation process visually

description

Sterin™ irradiation indicators provide positive, visual verification of irradiation at the minimum specified dose. Manufactured from Gafchromic™ film, the world's highest resolution dosimeter, Sterin™ was developed to provide independent quality assurance for the Sterile Insect Technique (SIT). Before a container and its attached indicator are irradiated, the indicator reads "NOT IRRADIATED." After the container and its attached indicator are irradiated, the word "NOT" is obscured, and the indicator reads "IRRADIATED."



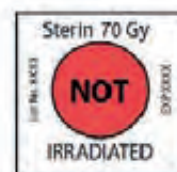
Sterin™ 70Gy indicator before and after irradiation



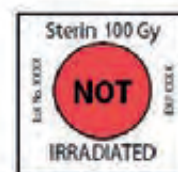
features and benefits

- film-based indicator - made with the highly accurate Gafchromic™ film used in radiation oncology centers around the world
- easy to read - the product has been properly irradiated when the "NOT" is completely obscured
- color-blind friendly - no need to match colors
- indicators can be stored at room temperature
- 500 indicators per box
- 3-year shelf life
- dispenser box keeps indicators protected from room light
- sustainable packaging - boxes can be recycled

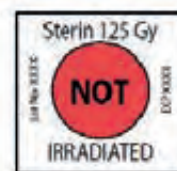
product list



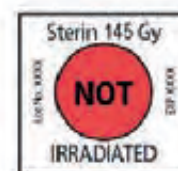
product code:
831871



product code:
831859



product code:
831868



product code:
831869



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SÜSBIN