



POLYFLY®

FLYING NATURAL POLLINATION



GOLDFLY

A heat-tolerant and versatile pollinator

Goldfly® (*Eristalinus aeneus*) is a generalist hoverfly pollinator, capable of effectively pollinating a wide variety of crops. Its effectiveness has been proven in protected cropping environments (greenhouses, net houses, and tunnels) as well as in open-field plots, both for seed and commercial crops. Goldfly® can **improve the yield and quality of seeds and fruits**, and its resistance to harsh environmental conditions, particularly high temperatures, makes it an excellent alternative or complement to traditional managed pollinators (i.e., honey bees and bumblebees). It exhibits a strong foraging behaviour, characterized by continuous and rapid visits to flowers, which ensures efficient crop pollination.

PROVEN EFFICACY



Watermelon



Melon



Mango



Avocado



Carrot



Celery



Fennel



Onion



Leek



Chicory



Rucola



Sunflower

➔ and many more crops. Contact us to find out more.

ADVANTAGES AND BENEFITS

- ✓ Very **effective cross-pollination** agent.
- ✓ **Very frequent visits** to a wide variety of flowers.
- ✓ Ideal for crops in warm and temperate regions.
Effective between 14 and 36 °C.
- ✓ Small and hairy body. **High pollen load.**
- ✓ **Active throughout the day**, especially in protected environments.
- ✓ **Harmless and easy to use.** Does not sting.
- ✓ **Compatible with other pollinators** and beneficial insects.



[Polyfly.com](https://polyfly.com)





FEATURES

Smaller, Better, Faster, Stronger A heat-resistant pollinator

Goldfly® is easily recognizable by its characteristic golden-coloured body, a trait that has inspired its commercial name. Its eyes display a captivating black-dotted constellation pattern, which is a distinctive characteristic of the genus *Eristalinus*.

It is a medium-sized hoverfly with a wing span ranging between 8 and 12 mm. Its dense body hair on the thorax and legs facilitates the collection and transfer of pollen as it hovers from flower to flower in search of nectar and pollen.

This common hoverfly species is widespread and can be found throughout the United States, Europe and even Australia.

HIGHLY ACTIVE AND EFFICIENT

Goldfly® size and versatility allows it to effectively pollinate even small flowers that may not be suited to larger pollinators.

This hoverfly strong foraging behaviour is characterized by frequent and purposeful floral visits, with rapid movements particularly suitable for crops that have many flowers and require cross-pollination.

Goldfly® maintains its activity over a wide temperature range (from 14 to >36 °C), especially in warm climates and during the summer period. In addition, it can work under adverse conditions of light, humidity, and wind, which makes it an ideal pollinator for spring and summer, when other traditional pollinators may not remain active.

Its daily activity pattern shows peaks during mid-morning and mid-afternoon, with longer flower visits at noon. This behaviour allows Goldfly® to enhance the pollination process of crops that flower during hot periods.

KEY SOLUTIONS

Higher crop yields

Suitable for protected environments

Easy to use

Natural solution

Heat-resistant

Boost pollination efficiency



Temperature	Emergence
14 °C	4-7 days
30 °C	2-5 days

Pollinating activity begins 1-3 days after emergence.

Format	L	M	S	XS
Pupae	5000	1000	200	100

The hoverflies come as pupae in recyclable cardboard boxes.

CONTACT US

If you would like more information, we can help you.

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Attracted to different flower colours

Hairy body, high pollen load

Suitable for small flowers

Stingless, harmless, pathogen-free

Hovering flight, frequent floral visits

