



POLYFLY®

FLYING NATURAL POLLINATION



QUEENFLY

An efficient pollinator even in bad weather

Queenfly® (*Eristalis tenax*) is a generalist hoverfly pollinator that tirelessly visits all types of flowers, whatever the season. This species is known to be one of the most abundant and important natural pollinators around the globe. Its effectiveness has long been recognized, whether for pollination of protected crops or in open fields. Queenfly® can significantly improve the yield and quality of seeds and fruits, and its adaptability to cold and cloudy conditions makes it a formidable ally when other managed and wild pollinators are not working as hard. It exhibits a strong foraging behaviour characterized by constant and prolonged floral visits that improve crop pollination overall.

PROVEN EFFICACY



Chicory



Melon



Mango



Avocado



Cauliflower



Broccoli



Celery



Leek



Carrot



Rapeseed



Blueberry



Strawberry

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

ADVANTAGES AND BENEFITS

- ✓ Very **effective cross-pollination** agent.
- ✓ **Low floral discrimination.** Frequent visits to a wide variety of flowers.
- ✓ **Resistant to low temperatures.** Effective between 10 and 30 °C, and remains active in low-light conditions.
- ✓ **Large and hairy body.** High pollen load.
- ✓ **Adaptable and resilient.** Works well indoors and outdoors.
- ✓ **Harmless and easy to use.** Does not sting, not aggressive, and free of pathogens.
- ✓ **Compatible with other pollinators** and beneficial insects.



Polyfly.com





FEATURES

Reliable in harsh weather conditions An all-terrain pollinator

Queenfly® is a bee mimic, commonly referred to as “drone fly” due to its resemblance to male honeybees. It can be distinguished from other species of the Eristalis genus thanks to two vertical bands of dark hairs running down the length of its eyes. It is a stocky hoverfly with a 15 mm wing span. 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.

Queenfly® is almost cosmopolitan and it is one of the most widely distributed hoverfly species in the world. It is present throughout North and South America, Europe, Australia, and has even been found in the Himalayas.

USER-FRIENDLY AND WELL-ROUNDED

Queenfly® is a particularly easy to manage pollinator and its longevity (up to 4 weeks) reduces the need for frequent releases. This species can be used in all types of cropping environments, from <1 m² breeding isolations to large greenhouses and open fields. Its docile nature makes it an ideal companion in the field and, contrary to other more sturdy and nervous pollinators, it will not damage the flowers.

Queenfly® continuously visits flowers looking for the resources necessary for its development and survival. It exhibits a characteristic foraging behaviour consisting of constant and prolonged floral visits that result in very efficient cross-pollination.

This hoverfly is available year-round and can be used on its own or in combination with other managed pollinators (e.g., honey bees, bumblebees) or artificial pollination methods. Its optimal activity range lies between 10 and 30 °C, making it an excellent choice particularly during winter and spring, when the activity of other pollinators typically decreases.

KEY SOLUTIONS

Higher crop yields

Suitable for protected environments

Easy to use

Natural solution

Cold-tolerant

Boost pollination efficiency

Temperature	Emergence
12 °C	5-10 days
24 °C	2-5 days

Pollinating activity begins 1-3 days after emergence

Formats	XL	L	M	S	XS
Pupae	10.000	2500	500	100	50

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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