

## Company Profile

# miljøfluen®

## EFFECTIVE AND ECO-FRIENDLY FLY CONTROL

Miljøfluen® is a Danish company that produces and supplies slurry flies (also known as predatory flies, bioflies or environmental flies) as well as mini wasps as fly control for pig and cattle barns.

The slurry fly (*Hydrothaea aenescens*) and mini wasps (among others, of the species *Muscidifurax raptor/zaraptor* and *Nasonia vitripennis*) are found wildly in nature across most of Europe and are a natural enemy of the common housefly (stable fly) (*Musca domestica*) and not least sting flies (*Stomoxys calcitrans*) which are often highly represented in many stables. Slurry flies also go by the name of predatory flies because their larvae prey on the larvae of other flies by eating them.

By adding slurry flies or mini wasps periodically to the stable environment, the number of troublesome flies can be effectively kept down throughout the year.



Neither slurry flies nor mini wasps bother animals or humans in the barn. Slurry flies look towards dark places such as the manure and do not swarm like many other types of flies. The mini wasps are smaller than 2 pin heads large and only stick their sting in fly pupae to lay eggs.

Whether your stables are best suited for slurry flies or mini wasps depends on the conditions in the stable – including whether you have slurry ducts, slits, circular flushes, deep bedding, or something else entirely.

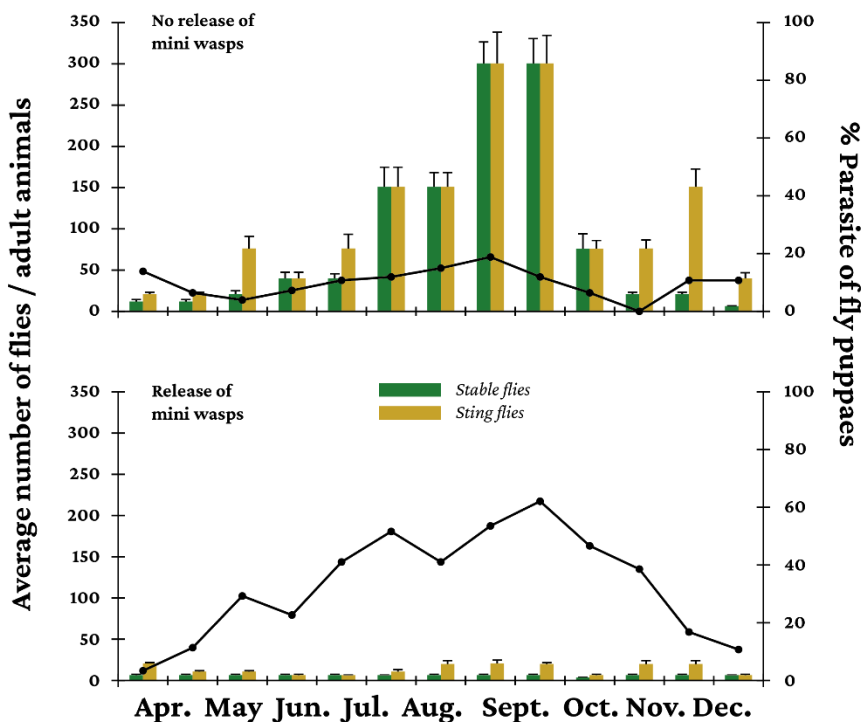
Slurry flies are generally suitable for stables with slurry ducts, where mini wasps are suitable for stables with deep bedding.

The work on both products is minimal, simply receiving a package of products and opening the containers (bags or cups) and placing them near the area they are going to fight. We send the products directly to the farm and have experience with large, complex properties.

The concept at Miljøfluen® works as a subscription – without binding, where you first have a free introductory talk with a consultant from Miljøfluen® about your stables and which products are best suited to them. Subsequently, the farm is sent the products on a regular basis according to a well-planned and agreed delivery plan.



Instructions are provided with the products and everything can of course be formulated in English, if desired.



Miljøfluen® has been producing and supplying slurry flies and mini wasps since 1993 and sends products to several locations in Europe also.

To learn more about the possibilities for the use of slurry flies in your stables, please feel free to contact us without obligation at phone +45 98259900 or [info@miljofluen.dk](mailto:info@miljofluen.dk)

You can read more about slurry flies and mini wasps at [www.miljofluen.dk](http://www.miljofluen.dk)

Number of sting flies and stable flies per adult cattle in a shed for two consecutive years, first without (top) and then (bottom) with the release of mini wasps every 14 days and 200 mini wasps for each m2 with manure. The figure also shows that the proportion of puppae being parasited is much higher when mini wasps (black line) are released.

Nachman, Gösta & Skovgård, Henrik (2016). *Fluesimulatoren*. Aktuel Naturvidenskab. Nr. 4. The figure is based on research from the following article: Skovgård, H (2004). Sustained releases of the pupal parasitoid *Spalangia cameroni* (Hymenoptera: Pteromalidae) for control of house flies, *Musca domestica* and stable flies *Stomoxys calcitrans* (Diptera: Muscidae) on dairy farms in Denmark. Biological Control, bind 30, s. 288-297