



# H-TRAP

HORSEFLY CONTROL SYSTEM



frequently  
asked  
**QUESTIONS**

[www.h-trap.net](http://www.h-trap.net)



# frequently asked QUESTIONS



## **Attention!!!**

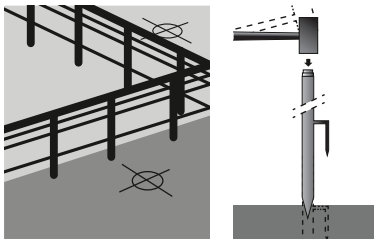
Note that the H-trap comes with a green funnel. This color offers the advantage that it does not reflect UV-A light emitted by the sun. UV-A reflected light is picked up by some insect species, such as bees and bumblebees. For these species reflected UV-A light is closely associated with foodstuff.

As a result they will travel over great distances to land on these UV-A reflected surfaces. To avoid that these useful insects get – accidentally – caught in the H-trap, the color of the funnel has been chosen to exclude that it offers any attraction potential to these useful insects.

## **Q: Were should I install the H-trap?**

**A:** The H-trap needs to be installed at close vicinity to horses. Horse flies see the infrared signature coming from horses from a big distance. If a choice has to be made by them, they will prefer to travel to a large group of potential victims (the horses), rather than going to one isolated victim (the H-trap)

*Placement of the H-trap nearby the drinking area of your horses is often a good location. If this location is not an option – or simply not applicable - than use the general rules of siting, as described here below*



## **Q: What are the general rules of siting?**

**A:** Try to identify those places where horse flies in rest are located and place the H-trap in an interception course between these places in rest and your horses.

- Always place the H-trap in the open area, ideally in direct sun and away from shadow areas. This way the black ball gets warmer and will emit more infrared energy. This makes the trap more attracting for horse flies.
- Horse flies in rest can typically be found in the lower branches of trees. This way they protect themselves from sunlight and have a good view into their surroundings. Water is essential for horse flies; this is the area where they often can be found. Here they lay their eggs. Once their larvae's come out of their eggs they will need humid soil. This is the typical place where they will find their host in which they will parasite for approx. a year: Worms.

## **Q: What is the maximum effective coverage the H-trap can handle?**

**A:** When the H-trap is used to control horse flies nearby horses we recommend to place one H-trap with a maximum of 5 horses. Horse flies cannot see the difference between the H-trap and a horse. With a maximum of 5 horses we still have multiple chances a week to get the horse flies in the trap, and therefore built up a good control curve over time. Within a week one will then be able to see a noticeable reduction of the horse flies in the area.

## **Q: When should I set up the H-trap?**

**A:** Pending on temperature the horse flies will come out of the ground from Early spring (European situation: from April onwards) The female horse flies will then immediately start looking for blood, this to fertilize the next batch of eggs.

It is important that we have the H-trap in position before this starts happening. This way we will not only catch the horse flies, but also a good amount of potential horse flies, which will become a pest in the next year(s)

## **Q: When should I break down the H-trap?**

**A:** At the end of the season, typically late autumn, the horse flies will start to extinct. Cold temperatures and age are the cause of this. By that time the H-trap can be broken down. We recommend to clean it and store it indoors.

## **Q: Is the H-trap storm proof?**

**A:** The H-trap is weather proof and storm proof. Needless to say that it will not withstand extreme weather and wind conditions, such as a hurricane.

## **Q: Will it attract all insect species?**

**A:** The principle is only attractive to those insects that are attracted by infrared temperature (most flying insects can see ultraviolet light, not infrared light). These insects, typically blood sucking insects, will be attracted by the H-trap.

## **Q: Can it be used indoors?**

**A:** The H-trap will have no effect indoors. We will need the sun, to create a temperature difference between the surroundings and the black ball – funnel combination. Indoors the black ball will not be heated up and no temperature difference will be created under the funnel. Because of this horse flies will not be able to see the H-trap

## **Q: Does the H-trap need maintenance?**

**A:** A periodic emptying of the collect bin is recommended once every week / 2 weeks. Once a month one should check if the ball needs an additional inflation. For this the enclosed pump is recommended. If you are going to use a compressor than make sure that the pressure remains below 0,1 bar.

## **Q: Are spare parts available?**

**A:** Contact your local dealer to obtain those parts which you need to re-order.