Where do I place the Biogents mosquito trap?

A case study
We got a mosquito trap – but where to place it?

The mosquito trap should capture the mosquitoes before they reach the patio and our bedrooms, and start annoying us.
How is the property structured?

- neighbour house
- patio
- meadow
- playground
- driveway
- fence
- house
Detailed structure of the property

- bunny hutch
- patio
- meadow to play soccer
- playground
Detailed structure of the property

hedge around the property

henhouse
Detailed structure of the property

- Vegetable patch
- Rain barrel
- Patio
- Bedroom
Test of different places

Best we try different places. Then we can find out where to place the trap so that it shows highest catch rates.
Bad places for the mosquito trap

Sunny, windy, in competition with the human being

Too sunny, too windy, too unprotected

In competition to the human being, too unprotected

In competition to the human being, because too close to the patio
Bad places for the mosquito trap

Sunny, windy, in competition with the human being

Too sunny, too windy, too unprotected

In competition to the human being, too sunny
Good places for the mosquito trap

Shady (e.g. in bushes/hedges), cool, humid

1. Near bushes with only sun in the morning. Quite good, but a bit exposed to the west wind. → Conclusion: ok, but could be improved.
2. Only sun in the morning, then mostly shady. Close to the rabbit hutch and the well (humid, but no breeding place because of fish). → Conclusion: quite a good place!
3. Shady (in between the hedge), the sun comes through the hedge very slightly only in the afternoon. → Conclusion: a very good place!
The whole day shady, and very protected from wind. Additionally a rain barrel provides humidity. A cool wall nearby, a corner with a shelf, and a bush provide many protected niches. ➔ Here the mosquitoes feel comfortable!
Additionally in this area the CO$_2$ accumulates as a cloud of fragrance, and is not be blown away by the wind.
Conclusion

The catch rates were already very good in the shady hedge. However, the best place for the mosquito trap was a location that did not seem to be appropriate at the first glance.

→ It was only through testing various places that we found the very best location for the trap! Now we can sit again comfortably on our patio, and can sleep in peace in our bedrooms.