



Science for Your Protection

Where do I place the Biogents mosquito trap?

A case study

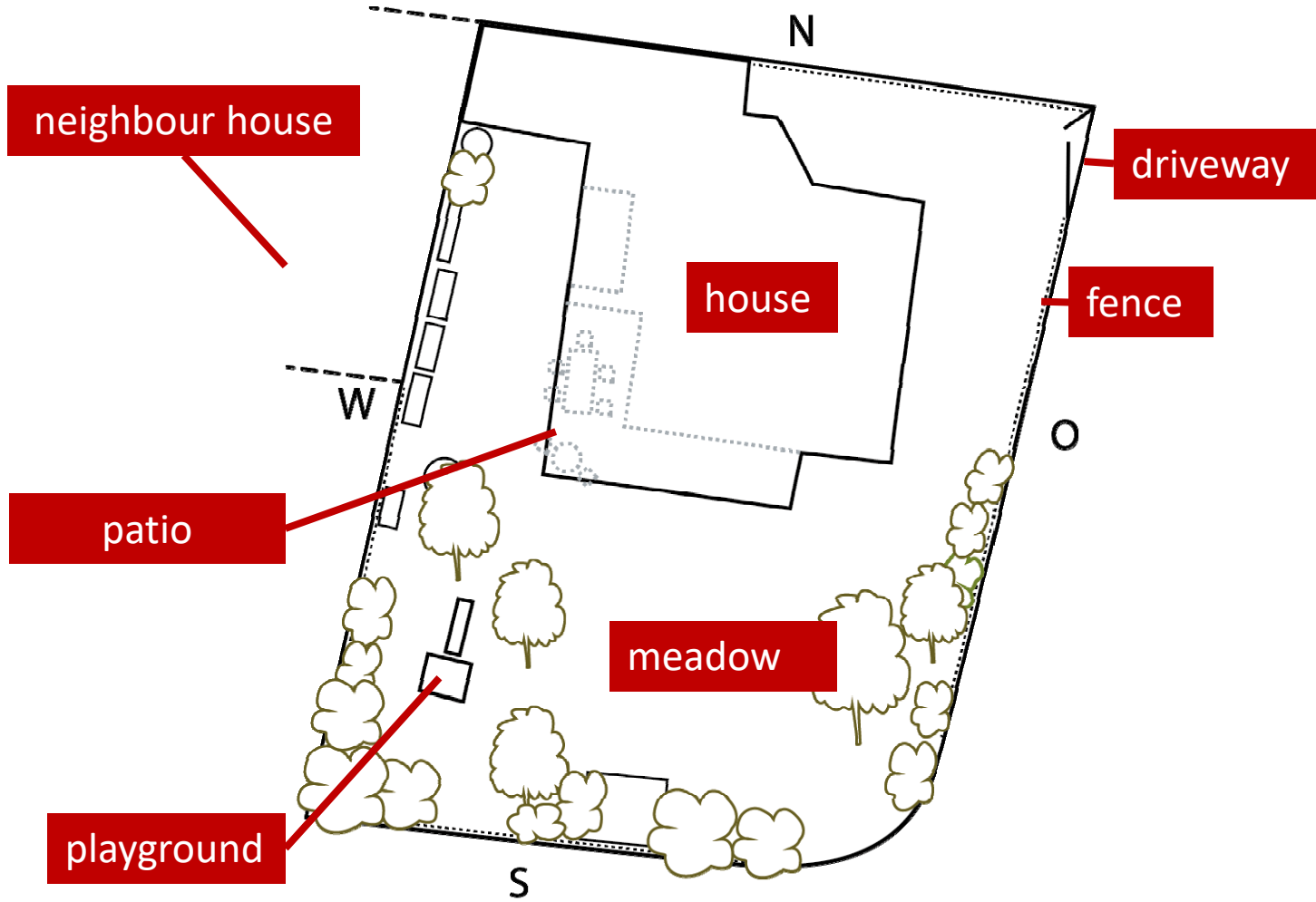
We got a mosquito trap – but where to place it? Biogen



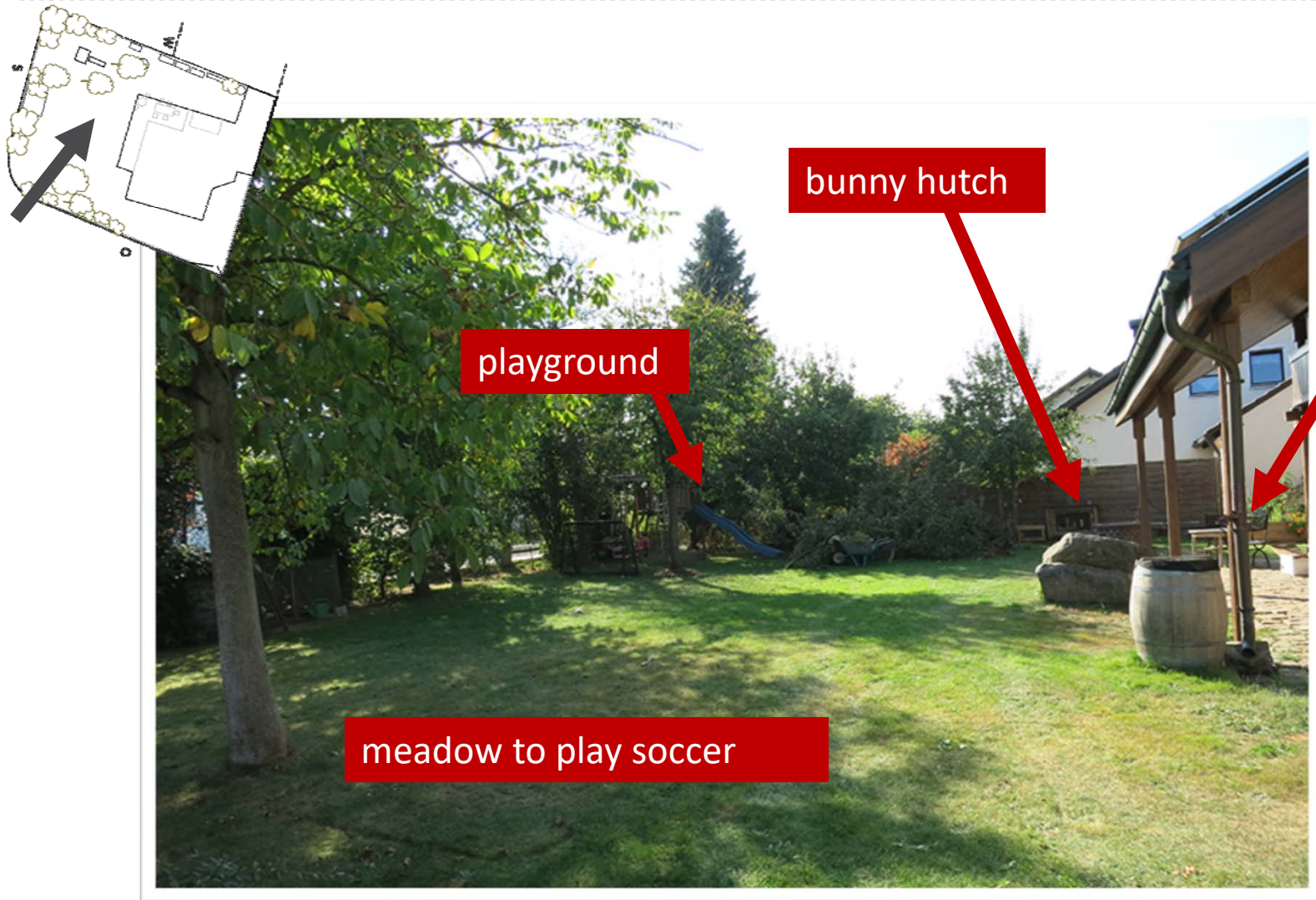
The mosquito trap should capture the mosquitoes **before** they reach the patio and our bedrooms, and start annoying us.



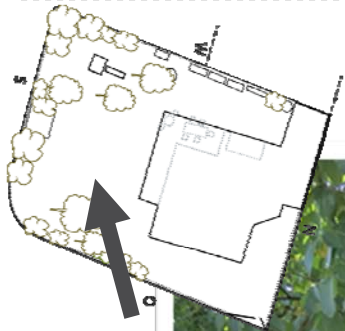
How is the property structured?



Detailed structure of the property



Detailed structure of the property



hedge around the property

henhouse

Detailed structure of the property



vegetable patch

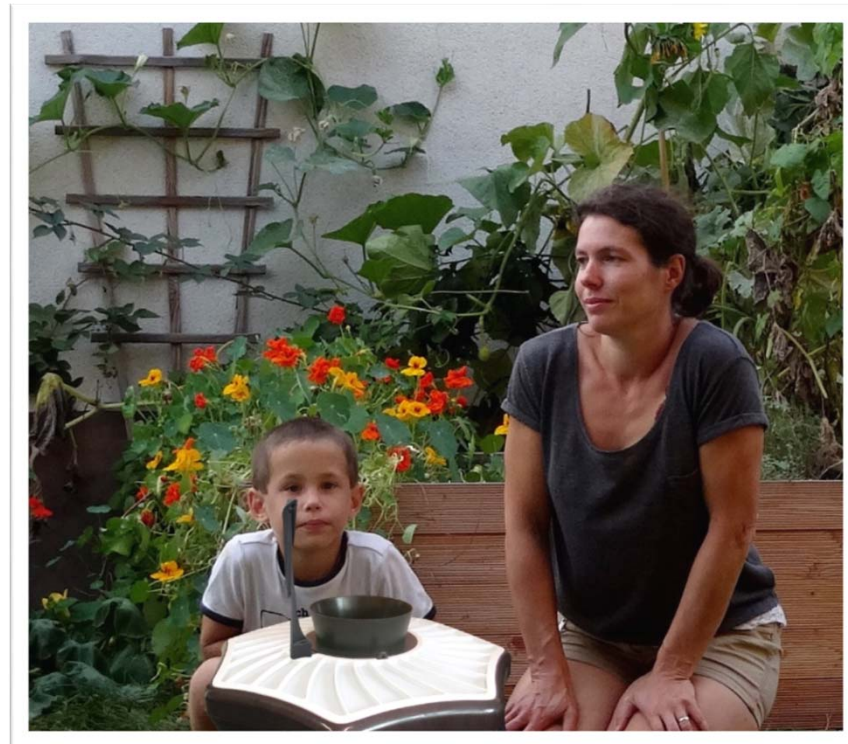
rain barrel

bedroom

patio

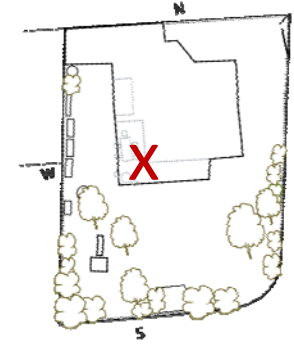
Test of different places

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



bad

bad

bad



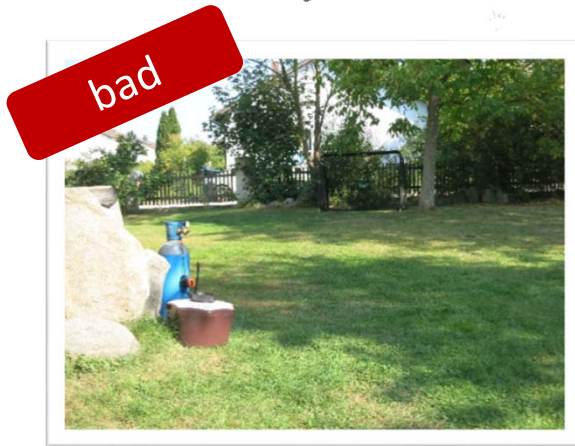
Too sunny, too windy, too unprotected

In competition to the human being, too unprotected

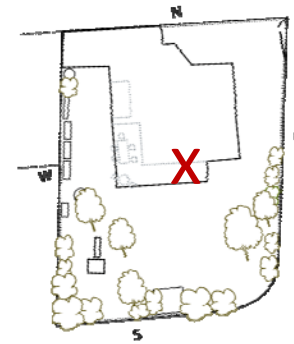
In competition to the human being, because too close to the patio

Bad places for the mosquito trap

Sunny, windy, in competition with the human being



Too sunny, too windy, too unprotected



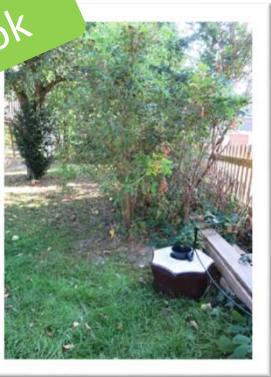
In competition to the human being, too sunny

Good places for the mosquito trap

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



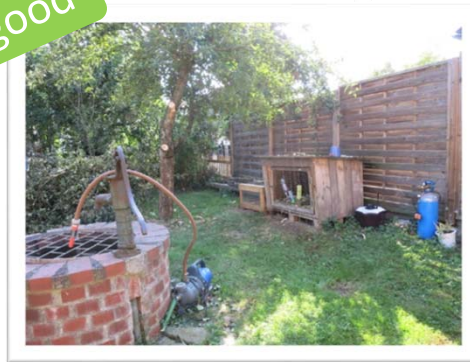
ok



Near shrubs with only sun in the morning. Quite good, but a bit exposed to the west wind.
→ Conclusion: ok, but could be improved.



good



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!



better



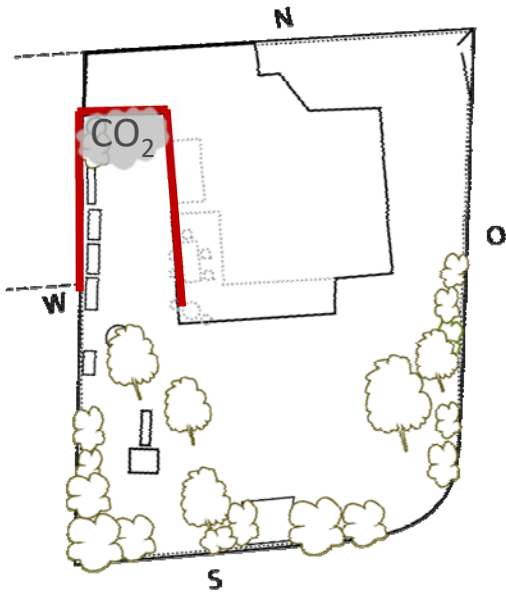
Shady (in between the hedge), the sun comes through the hedge very slightly only in the afternoon.
→ Conclusion: a very good place!

The best 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!

A further advantage of this place



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.

