



GEZONDE KAS
 X GESUNDES GEWÄCHSHAUS X



CROP ADAPTED SPRAYING IN CYCLAMEN

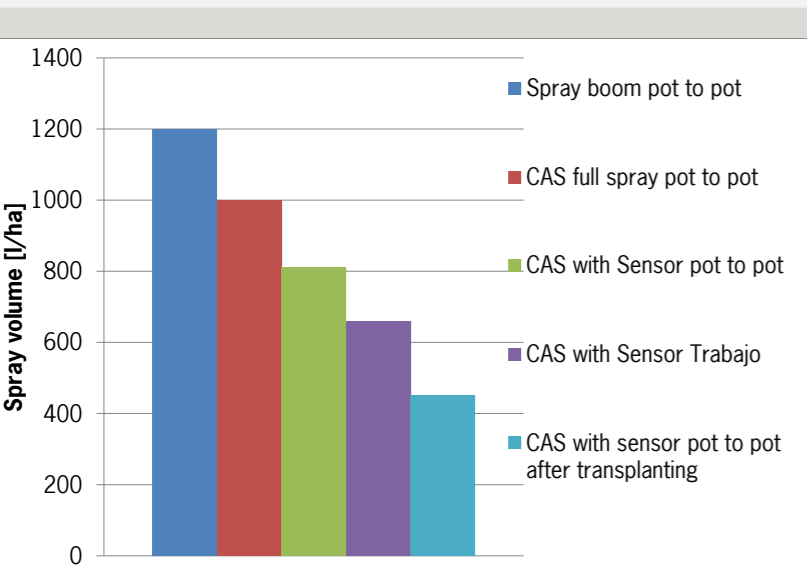


The Crop Adapted Spraying (CAS) sprayer sprays only there where it is necessary. The CAS-sprayer uses a sensor to detect if there is a crop, how big it is and the density of the crop canopy to spray only there if necessary.

1. Plant specific spraying
2. Adapts spray dose to the plant size
3. Saving of spray liquid

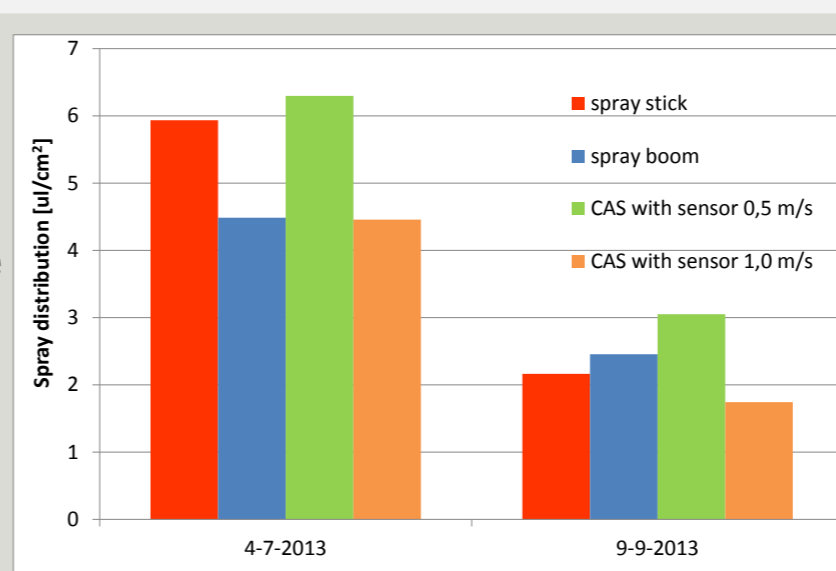
BENEFITS

The CAS sprayer prevents losses to the ground, the greenhouse wall and roof as potential emission to the environment.



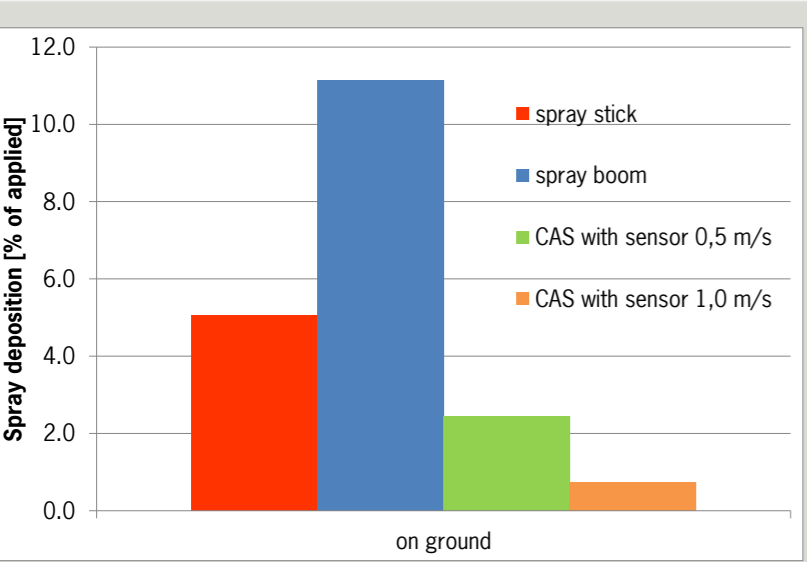
SAVING OF SPRAY LIQUID

Depending on plant distribution and growth stage the CAS-sprayer saves **20%-35%**.
 After transplanting **55%**.



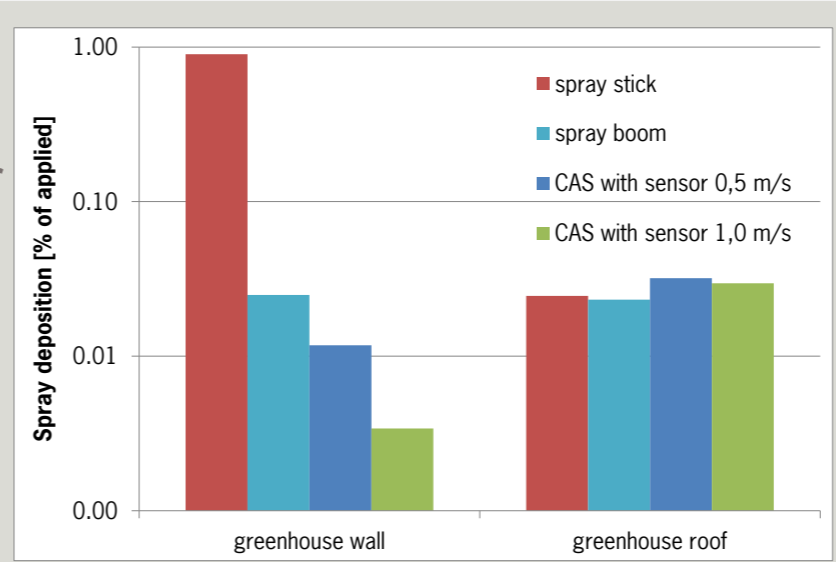
GOOD SPRAY DEPOSITION IN CROP CANOPY

With CAS-sprayer the in-crop spray deposition is higher or comparable than with a spray boom. Variation in spray deposition is lower using the CAS-sprayer.



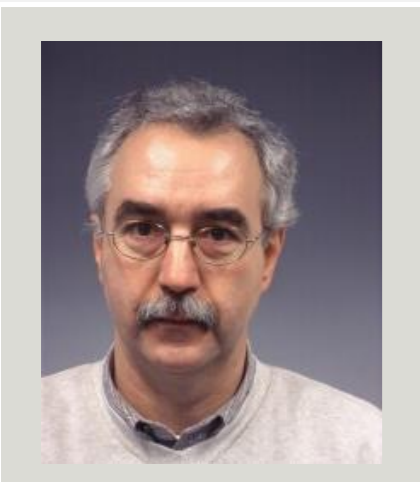
LESS LOSS TO THE GROUND

The CAS-sprayer with sensor reduces spray deposition on the ground between the tables with **80%-90%** compared to spray boom.



LESS SPRAY DEPOSITION AT GREENHOUSE WALL

Compared to a spray boom the CAS-sprayer reduces spray deposition at the greenhouse wall by **50-80%**. Spray deposition at the greenhouse cover is similar for both sprayers.



CONTACT

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