



GEZONDE KAS
 X GESUNDES GEWÄCHSHAUS X



CROP ADAPTED SPRAYING IN TOMATO

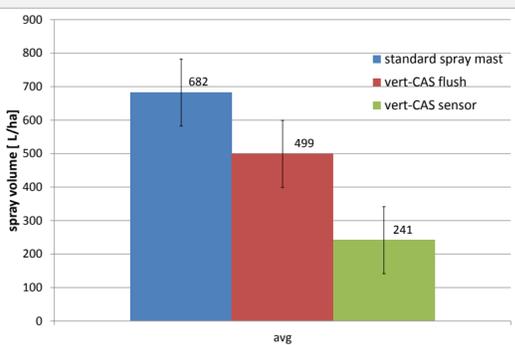


The Crop Adapted Spraying (CAS) sprayer sprays only there where it is necessary. The CAS-sprayer uses a sensor to detect the tomato stem and will spray it when a disease is to be controlled.

1. Stem specific spraying
2. Adapts spray dose to the stem size
3. Saving of spray liquid

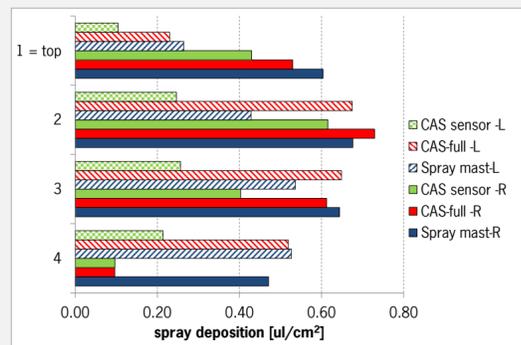
BENEFITS

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



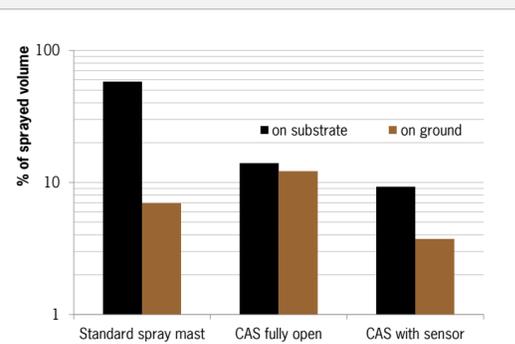
SAVING OF SPRAY LIQUID

Spraying only the stems of the tomato plants the CAS-sprayer with sensor saves **50%**.



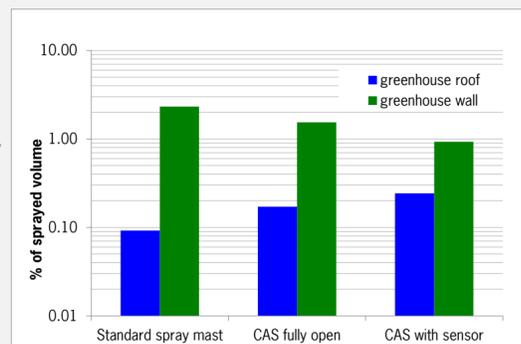
GOOD SPRAY DEPOSITION AT TOMATO STEM

Spraying only 250 l/ha the CAS-sprayer gives a similar spray deposition on the tomato stems (4 pieces of 50 cm) as a vertical spraymast applying 700 l/ha. Sprayer drives right and sprays to the left on right and left hand side stems on substrate.



LESS LOSS TO THE GROUND

Compared to a vertical spray mast the CAS-sprayer with sensor reduces spray deposition at the substrate by **85%** and by **45%** at the ground in the greenhouse..



LESS SPRAY DEPOSITION AT GREENHOUSE WALL

Compared to a vertical spraymast the CAS-sprayer reduces spray deposition at the greenhouse wall by **60%**. Spray deposition at the greenhouse cover is similar for both sprayers.

CONTACT

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