



**GEZONDE KAS**  
 > GESUNDES GEWÄCHSHAUS <



## PRECISION SPRAY SYSTEM



The Precision Spraying System (PSS) is a spray boom that moves through the greenhouse on a transport platform and sprays only there where needed. The PSS sprays only those areas in the crop where a sensor detected a diseased plant. The applied spray is adapted to the size and the density of the crop canopy.

### ADVANTAGES

The PSS system prevents unnecessary spraying against pests and diseases and reduces the spray losses to the ground, the greenhouse wall and roof as potential emission. Especially with spot infections of pests and diseases high reductions in pesticide use can be obtained spraying only those locally infected areas in the greenhouse.

### PRECISION SPRAY SYTEM ON SIDE CROP VIEWER IN TOMATO

For the protection of tomato stems against Botrytis a precision spray system is developed and build as a combination of an autonomous moving trolley (Berg-Hortimotive), a Chlorophyll Fluorescence sensor and a crop adapted vertical spray mast (Rometron).

- 1. Disease detection, only spray where necessary
- 2. Plant specific spraying
- 3. Adapt spray dose to plant size



#### CONTACT

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