

# Agritechnica 2009

## 10 to 14 November 2009 (8 + 9 November: Preview Days)

### Hanover Fairgrounds

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### Exhibitors inform the press

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#### **SPRAYSCANNER PLUS IN PRODUCTION**

To be able to measure wider spray booms in a shorter time frame, AAMS has developed a new spray scanner. Based on the long renowned measuring principle of the existing scanner, a new scanner is built with a working width of 2m40.

The spray scanner Plus moves much faster along the boom than the smaller version. Due to this and an improved steering process, the whole measurement is accelerated. The positioning is improved by using two independent location sensors. All mechanical components have been examined and improved or changed when necessary. To speed up the process, the measuring volume has been decreased without losing precision. The gutters have been redesigned so that the liquid has a shorter way to reach the measuring tubes (max distance on the gutter is now 90 cm) which allows a decrease of waiting time before the scanner can start its measurement. All these changes have made the scanner plus at least 4 times faster than the original spray scanner. As many data needs to be sent and a



continuous evaluation of the spray pattern is desired by many operators, the scanner plus is always equipped with a radio link for data transmission. The first scanner plus works fast and reliable to great satisfaction of Gebr. Weststrate in Krabbendijke (NL), importer of Delvano sprayers in the Netherlands. This autumn more spray scanners plus are going to be supplied to inspection stations.

#### **SCANNER ON GUTTERS INSTEAD OF RAILS**

On demand of several customers, AAMS has adapted its scanner so that it doesn't require any rails anymore for functioning. It is guided by the covers over the water collecting gutters. Such systems are supplied and running in the Netherlands, Germany and Sweden with great satisfaction of the customers.



#### **SOFTWARE SPRAY-SCANNER: partial measurements for wide spray booms**

On special request of several customers, we have adapted the software of the spray scanner so that customer can measure a wide spray boom in 2 steps. Since sprayers are getting wider and wider, quite a few workshops for sprayers don't have a hall large enough to check these sprayers in one run. To be able to check the whole boom, they execute two partial measurements which can combine in the software to one global distribution graph and result. This was already possible with the radio-link but is now also integrated for scanners using the memory box. In previous versions, it was already possible to overwrite a part of the liquid distribution measured in case some nozzles were blocked (to avoid a complete re-measurement of the spray boom).

#### **AAMS SPRAYER CLEANING SYSTEM: RINSE & CLEAN.**

With the AAMS RINSE & CLEAN, you can thoroughly clean the inner and outer side of your sprayer easily. The AAMS RINSE & CLEAN is equipped with an electro pump (12V). The liquid is pumped to a AAMS rotating nozzle or to a spray gun. With the supplied spray gun, the outer site of the sprayer can be cleaned. Supplementary clean water tanks of 55, 100 and 150 litre are available.

The rotating nozzle, mounted in the tank, sprays the liquid in a complete circle of 360° in the tank. The flow of the

nozzle is depending on the pump type.