



**PRESS CUTTING Magazine Profi - Praxistest 5/2016  
regarding Case IH RB465 & Thirty Plus Automatic Applicator**

A test regarding Thirty Plus in the German Magazine PROFI 5/2016 states the following:

Case IH offers **Thirty Plus** Preservative & automatic application equipment

The exact amount of preservative needed is directly applied to the crop, therefore crop can be safely harvested up to 30% moisture.

The system consists of a 210 l tank, controlled via compatible tractor ISOBUS or iPad, 3 pumps, 2 moisture sensors - measuring 8-60% accuracy +/- 1%, six nozzles as well as infra-red light crop sensors mounted at baler's pick up and speed of baling sensors.

After entering basic data, the control of the correct preservative application is done automatically. The data is stored and shown at the terminal – export is possible via USB stick.

Wheat straw bales were used for the test (21% moisture) and after storage of 2 month results were compared.

**Untreated**

**Mold:** The untreated bale, which originally measured 75 CFU (colony forming units) per gram showed 14 million CFU/gram after 2 months storage

**Yeasts:** the measurement of 47 CFU/g came to 11 million CFU/gram after 2 months

**Treated:**

**Mold:** *The treated bale originally measured at 70 CFU/g came to 1300 CFU/g after 2 months*

**Yeasts:** *The CFU/g was raised from 40 to merely 100*

Treated	before	after	Untreated	Before	After
Mould	70 CFU/g	1300 CFU/g	Mould	75 CFU/g	14 million CFU!
Yeast	40 CFU/g	100 CFU/g	Yeast	47 CFU/g	11 million CFU!

**For the RB 465 the Thirty Plus Automatic Applicator comes to under 11 000 Euro**