

## Press release

### **40% less water spillage with bite ball valve for pigs and cattle. An average sized stable saves 1 000 - 2 000 euro per year.**

The Swedish company AquaGlobe has developed a new bite valve for pigs and cattle. With the patented design the animal has to take the whole valve into their mouth to release the water. This prevents the water from being spilled on the outside of the animal's mouth. The trigger of the water is a stainless steel ball. The ball is rolling and cleans itself and it is also comfortable for the animals to bite on.

The bite ball valve is available in eight different sizes and covers the whole area of watering pigs and cattle, from the smallest piglets to the biggest breeding cattle.

The Swedish Institute of Agricultural Engineering (JTI) has made a study comparing the bite ball valve with the conventional type of bite valve. The study shows that that the water spillage was 1.6 l/animal and day with the bite ball valve and 2.7 l/animal and day with the conventional bite valves. The study shows that that the water spillage is 40% less with the bite ball valves than with conventional valves. The total water consumption was 6.2 and 8.5 l/animal and day with a difference of 2.3 l/animal and day. The total production result when looking at growth and feed consumption was the same for both systems.

From an economical point of view the water spillage is of great importance. The difference in total water usage for a stable with 300 pigs is about 200 m<sup>3</sup> less water to take care of per year. The saving in cost for storing and spreading of this water is in Sweden 800 - 2 000 EUR per year (4 - 10 €/m<sup>3</sup>). On top of that there is a lower cost for less fresh water with 100 - 140 EUR per year (1 - 1.4 €/m<sup>3</sup>) according to the local water cost in Sweden. Lower water consumption also gives a better stable environment.

AquaGlobe is developing, producing and marketing water systems for animal stables. The company is concentrating on export sales and is situated in Uppsala, Sweden. The bite ball valve is a big success in all the countries it's introduced in. The water distribution is of great importance for the animal production. Therefore the future product development of the company will concentrate on products that increase profit in this area.

More information about the bite ball valves can be ordered free of charge from:

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