

Credence for Pigs



The animal safe and effective water sanitiser and disinfectant.

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300 sow integrated farm with high levels of Salmonella infections and high total bacterial counts (TBC) from a deep well/bore hole supply. Credence used via Dosatron system supplying 5 mg/l available chlorine.

Contaminating Source	Pre-Treatment	Credence 5 mg/l chlorine
Total bacterial counts (CFU/ml)	11,000	500
Coliforms (eg E. coli) (CFU/100ml)	20	0

From samples taken from a commercial pig farm, salmonella was found to contaminate between 10% to 100% of pig meat exudates at slaughter. Over time, levels of positive contamination from blood analysis (testing for antibodies against salmonella, indicating exposure of the animal) increased from 20% of pigs in second stage weaners to 47% in grower/early finishers and reaching 97% contamination at full slaughter weight. During the treatment period, where Credence was added to the drinking water, number of seropositive pigs was reduced to 25% at slaughter, 16% in grower/finishers and 12% in young females (gilts).

Pig Growing Phase	Pre-Treatment	Credence
Weaner	20%	Not Measured
Grower/Early Finishers	47%	16%
Slaughter Weight	97%	25%

The unit had been previously disinfected using a corrosive and highly irritant peroxide compound. Following this trial, Credence replaced this product for unit sanitising during clean down, at standard doses for equipment and biosecurity.

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