

Calf Pen Disinfection Programme



Livestock Protection

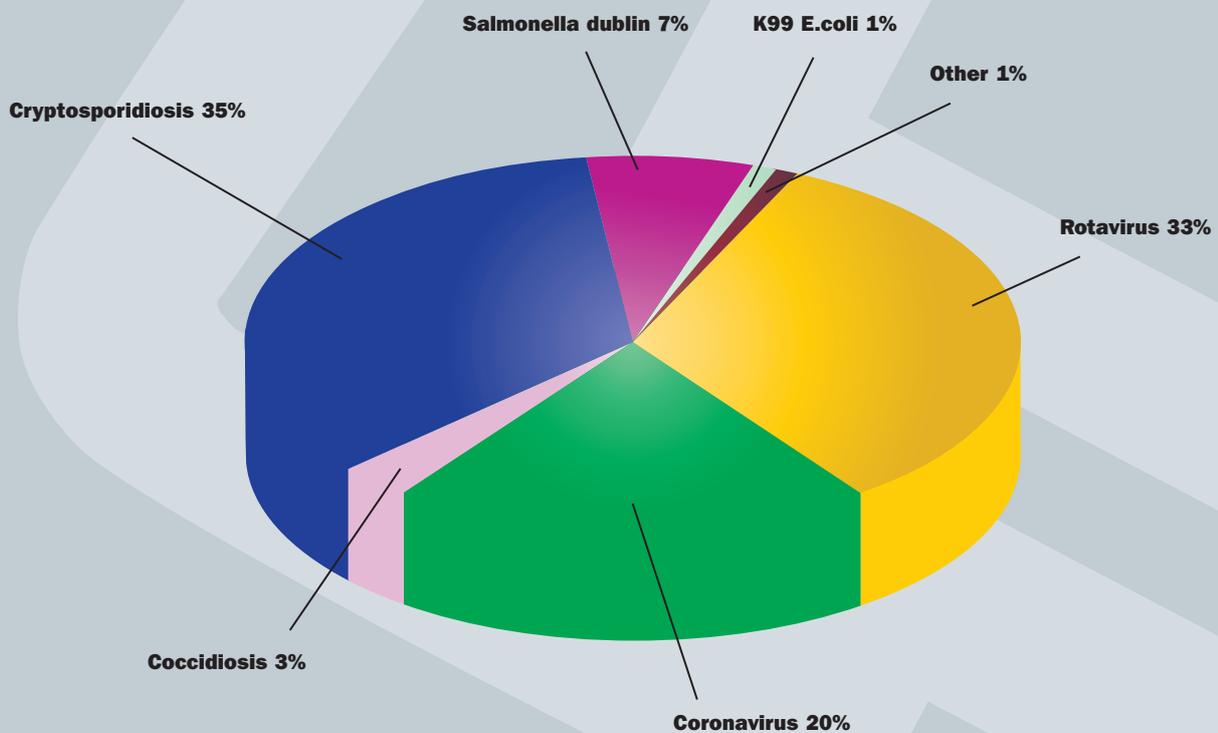


Evans Vanodine International plc

Introduction

The health of young calves should be a priority. With annual herd turnover rates close to 35%, having healthy, genetically superior replacement heifers to fill the void is a necessity. Despite the importance of calf health, continued studies show a pre-weaned heifer calf mortality rate of 8.7% and reports show that less than 40% of farms can supply an adequate number of replacements from their own herd.

Inevitably, calves are exposed to viruses, bacteria and parasites in their environment that are capable of causing scours, respiratory problems or other diseases. If the number of organisms to which the calf is exposed is minimised by good disinfection practices, only a limited number of calves will be infected and these calves may not develop disease signs if they have good resistance and little stress.



Disinfecting without using a controlled programme is a waste of time and money. Using a pressure washer without adding a detergent cleaner will not fully clean the housing. Detergent cleaners remove grease and protein that water cannot penetrate. A correctly cleaned pen allows disinfectant to be absorbed into its material structure ensuring an effective kill and residual protection.



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STAGE ONE	REMOVE ALL CALVES AND MANURE FROM SITE
STAGE TWO	APPLY SHIFT SOLUTION THROUGH PRESSURE WASHER AT A DILUTION RATE OF 1:250 SOAKING ENTIRE SURFACE AREA OF PEN. ENSURE ALL GREASE AND INGRAINED ORGANIC SOIL IS REMOVED.
STAGE THREE	ALLOW TO DRY FOR 24 HOURS .
STAGE FOUR	FILL A KNAPSACK SPRAYER WITH FAM 30 OR GPC8 SOLUTION AT A DILUTION RATE OF 1:100. USE WARM WATER IF POSSIBLE AS THIS INCREASES THE EFFICACY OF THE DISINFECTANT.
STAGE FIVE	DISINFECT ALL SURFACES OF THE PEN. START AT THE HIGHEST AND FURTHEST POINT FROM THE DOOR AND WORK DOWN THE WALLS TO THE FLOOR. ENSURE EXTRA COVERAGE ON CORNERS AND CRACKS.

BACTERIA LEVELS AT VARIOUS STAGES	
CLEANING STAGE	BACTERIA LEVEL TVC/CM²
Immediately after calves and bedding removed	80,000,000
If pressure washed with water only	25,000,000
If hot pressure washed with SHIFT	2,500,000
If left to dry for 24 hrs before disinfection	1,500,000
Disinfection with FAM 30 or GPC8	Less than 1,000



Evans Vanodine was established in 1919 when William Charles Evans started manufacturing disinfectants and liquid soaps in Salford, Manchester. The company, which is still owned by the Evans family, is now based at Walton Summit, just outside Preston in Lancashire, where the company's modern 100,000 square foot factory, standing on a 5 acre site, includes extensive manufacturing and warehousing facilities. Advanced production facilities involve the use of 10,000 and 12,000 litre stainless steel, plastic and pressurised tanks, together with six-head filling lines complete with automatic capping and labelling machines.



The company is renowned for its strictly defined procedures within the quality control laboratory and throughout the manufacturing process. Their commitment to Total Quality Management was recognised when the company was awarded ISO 9001 (Cert. No. 09535).

This is complemented by highly qualified and experienced product development chemists and microbiologists using up-to-date equipment and protocols, which contributed to the Microbiology Laboratory being awarded a National Accreditation (UKAS) for Disinfectant Testing (Cert. No. 1108).

Evans Vanodine has also achieved accreditation by the British Standards Institution under the Environmental Management Standard ISO 14001 (Cert. No. 506072). This requires the company to commit to the protection of the environment and fully comply with all relevant environmental legislation.

Commitment to quality and service is deeply rooted in the Evans family tradition and this, together with dedicated staff throughout the company, will ensure continued success for Evans Vanodine and their customers over the coming years.



Distributed by



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