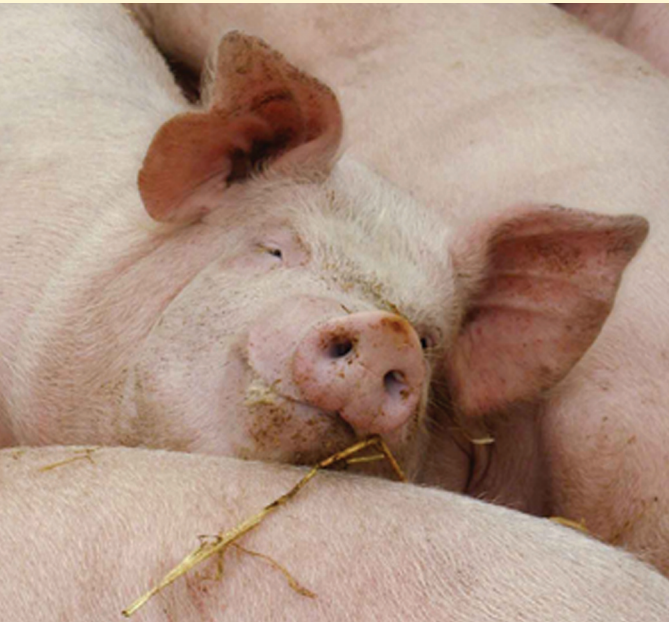


DAHS Swine Topics Feature Article

DUPONT DISINFECTANTS HYGIENE AND EMERGENCY DISEASE OUTBREAK INFORMATION

Technical Advice on Biosecurity at Border Controls



DuPont Disinfectants is the global, market-driven innovator of biosecurity solutions for livestock production, hygiene and emergency disease outbreak situations.

DuPont is committed to delivering science-based, sustainable chemistries which are easy to use and proven effective against disease-causing pathogens that affect man and animals.

Currently, DuPont is focusing on the global effort to help prevent the spread of influenza A (H1N1) that is now presenting a growing threat to the borders of many countries. Tragically, the deaths of several people from this disease in North and Latin America only serve to highlight the critical importance of effective biosecurity measures during such serious disease outbreaks.

In 2001 the devastating Foot-and-Mouth Disease (FMD) crisis highlighted the critical role of biosecurity measures at national borders in the control of this most contagious of livestock diseases. In response to this outbreak, countries all over the world implemented emergency disease control strategies to combat the threat of the disease taking hold in their own country.

During the outbreak nearly 40 countries worldwide chose DuPont™ Virkon® S as their official disinfectant at border controls:

Countries/authorities using DuPont™ Virkon® S at border controls during the 2001 FMD outbreak

<i>Australia (AQIS)</i>	<i>Finland</i>	<i>Macedonia</i>	<i>Slovenia (Vet. Admin. RS)</i>
<i>Argentina (SENASA)</i>	<i>France (DSV)</i>	<i>Mexico (SAGAR /CICOPLAFAST)</i>	<i>South Africa (Nat. Dept of Ag)</i>
<i>Barbados & St Kitts (Min of Ag)</i>	<i>Greece (Min of Ag)</i>	<i>Malta (MAPH)</i>	<i>Spain (Regional authorities)</i>
<i>Canada (CFIA)</i>	<i>Guernsey (States of Guernsey)</i>	<i>New Zealand (MAF)</i>	<i>Sweden (Min of Ag)</i>
<i>Central America (OIRSA)</i>	<i>Hungary (MARD)</i>	<i>Northern Ireland (DARD)</i>	<i>Taiwan (BAPHQ)</i>
<i>Chile</i>	<i>Iceland (Min of Ag)</i>	<i>Norway</i>	<i>Trinidad (Min of Ag)</i>
<i>Cyprus (MoANRE)</i>	<i>Ireland (DAFRD)</i>	<i>Peru</i>	<i>Uruguay (MGAP)</i>
<i>Denmark (Min of Ag)</i>	<i>Italy (MINSAN)</i>	<i>Philippines</i>	<i>UK (DEFRA)</i>
<i>Ecuador</i>	<i>Japan (MAFF)</i>	<i>Romania (Nat San Vet Agency)</i>	<i>USA (USDA APHIS, USAF)</i>
<i>Estonia (State Vet Dept)</i>	<i>Korea</i>	<i>Slovak Republic</i>	



The miracles of science™

DuPont™ Virkon® S was widely used at airports, seaports / harbours and land borders in both personal and vehicle disinfection facilities:

- In disinfectant foot dips and impregnated foot mats for passengers arriving at ports and airports
- to spray luggage
- for vehicle and ship disinfection in the form of sprays, impregnated mats and wheeldips.

The reasons for the choice of DuPont™ Virkon® S by so many national authorities were numerous: In terms of efficacy, DuPont™ Virkon® S is the most proven livestock disinfectant in the world. It is recommended by the AUSVETPLAN (Australian Veterinary Emergency Plan), the best regarded Emergency Disease Control reference source available, for all 13 viral OIE List A diseases where disinfection is recognised to be important.

Editor's Notes - DuPont™ Virkon® S*

- In contrast to other disinfectants recommended by the AUSVETPLAN, DuPont™ Virkon® S poses no significant health and safety concerns, with the AUSVETPLAN stating only that "reasonable care is necessary" during use.
- DuPont™ Virkon® S is over 90% degradable within the environment and has an outstanding operator safety profile.
- DuPont™ Virkon® S can be used for all disease prevention and decontamination procedures – footdips, vehicles, surfaces and, in some countries, aerial disinfection in the presence of livestock.
- DuPont™ Virkon® S can be shipped easily and stored for long periods, making it eminently suitable for stockpiling.

www.ahs.dupont.com
diseasepreparedness.dupont.com

© 2009 DuPont. The DuPont Oval Logo, DuPont®, The miracles of science™ and Virkon® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates. All rights reserved

K-22390 (04/09) Printed in the U.S.A.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skills and should be used at their own discretion. Because conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

*Virkon® S has not been tested against all strains of flu, including H1N1. Check with your representative about registrations in your country. Virkon® S is not approved for aerial disinfection in North America. Tyvek® and Tychem® QC have not been tested as a barrier specifically against viruses.

Check with your DuPont representative regarding the ability to use Virkon® S for aerial disinfection in the presence of livestock.



The miracles of science™