

# HELP PREVENT SALMONELLA INFECTION!



## Virkon® S

OFTEN IMITATED - NEVER EQUALLED

Salmonella prevention standards in Europe have recently increased with the introduction of more stringent legislation governing its control within the food chain

**Do you use the disinfectant independently proven to do the job?**

DuPont Virkon® S is independently proven highly effective against over 10 Salmonella strains including *S.typhimurium*, *S.enteritidis* and *S.hadar*

www.ahs.dupont.com  
Freephone: 0800 316 8060



The miracles of science™

## Katy Lee, NFU Brussels office reports

### Spanish eggs

There were storms in the stomachs of UK travellers returning home from Benidorm in December, with cases of salmonella under investigation by the UK's Health Protection Agency (HPA) after what is thought to be an outbreak from eggs in Spanish restaurants. The HPA stressed that the cause of the salmonella 0157 infections is not confirmed, although they are "working with the Spanish health authorities" and yet more cases of the infection could be linked to the Valencian resort in the coming weeks. For its part, the Food Standards Agency stated that "there is a very low incidence of salmonella in UK eggs".

### GM approval

NFU Brussels Assistant Director James Ede was recently at The Hague to

talk about GM crops at an event organised by the Dutch government. For NFU Brussels as for most of those present, the priority was to find a way forward in GM authorisations, particularly given the problems caused by entire shipments of soya being refused entry into the EU owing to minute traces of GM grain that is scientifically accepted elsewhere in the world. By coincidence, the EU Commission then approved a crucial genetically modified variety of maize that US traders say is one of the reasons they restricted animal feed shipments to the EU back in the summer of 2009.

### EU top jobs

Good news EU tax payers! The new role of EU President will not cost you a lot in removal vans. Belgian Prime

Minister Van Rompuy will simply have to move from one end of a street in Brussels to the other to take up his post as EU President, following agreement between Heads of State last month that granted him the post. In a surprise move, UK Labour peer Baroness Catherine Ashton was also agreed on by EU leaders for the job of EU Foreign Representative. Meanwhile Commission President Barroso has a smart political game to play if he is to convince MEPs to approve his new 'college of Commissioners' as early as possible. Whilst Barroso hopes his new Commissioners will be put to the vote in Strasbourg on January 20th, there is likely to be spanners in the works from the



Parliament who will want to have their own say.

### Italian alliances

Poultry farmers looking for better representation on the supermarket shelves will be pleased to hear that the NFU in Brussels has teamed up with Italian farmers to call for better country of origin labelling. In a statement sent to MEPs and co-signed by Italian farming association Coldiretti, we have called for urgent EU action to clarify country of origin labelling. The action comes as the EU prepares to take the next step towards a food labelling regulation at the Parliament early in 2010.

### ADVERTISING FEATURE

## DuPont™ Virkon®S for tougher Salmonella Control at Terminal Disinfection

The premier veterinary & livestock disinfectant DuPont™ Virkon® S has been re-evaluated at Wageningen University, in the Netherlands to specifically address the EU legislation on Salmonella control.

The latest EN 1656 Salmonella studies confirmed that Virkon® S achieved excellent dilution rates of 1:100 and 1:200 against all of the five most prevalent strains of *Salmonella* - *S. enteritidis*, *S. typhimurium*, *S. virchow*, *S. infantis* and *S. hadar* under strict testing conditions.

Viewed alongside these positive new EN findings, Virkon® S has become a disinfectant of choice in Salmonella control as its continued use is proven to reduce the potential infectivity of *Salmonella* super strains.1

Furthermore, as an oxidising disinfectant Virkon® S does not appear to induce *Salmonella* efflux pumps which are being linked with the development of Salmonella resistant strains in both disinfectants and antimicrobials.2

For effective terminal disinfection, Veterinary and Technical experts at DuPont recommend that all cleaning and disinfection procedures should be regularly reviewed, from general blow down and cleaning especially those hard to reach ledges and nooks and crannies, through to the selection of good quality disinfectants properly applied at the correct dilution rate.

Attention must be paid to the area around the poultry house and equipment that might be taken out of the house during cleaning and then returned which, if not also disinfected, might easily re-contaminate a cleaned house. Stringent procedures must also be applied to the drinker system, header tanks and feed bins; areas which can be frequently forgotten about on the "out of sight, out of mind" principle.

DuPont™ is currently focusing on the EU effort to stringently control Salmonella by providing poultry farmers with practical, pictorial advice on how to clean and disinfect poultry houses on the DuPont website [www.dupont.com](http://www.dupont.com)

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### References:

1. Possible associations between *Salmonella* persistence in poultry houses and resistance to commonly used disinfectants and a putative role of *mar*. K.O. Gradel et al. *Veterinary Microbiology* 107 (2005) 127-138.
2. Commonly used farm disinfectants can select for mutant *Salmonella enterica serovar Typhimurium* with decreased susceptibility to biocides and antibiotics without compromising virulence. LP Randall et al. *Journal of Antimicrobial Chemotherapy* (2007) 60. 1273-1280.