

# Butox® SWISH

Effective against midges!

Don't put up with misery - hit them **HARD** this season

- » Midges spread bluetongue
- » Apply Butox SWISH monthly as an aid to midge control

## Number of doses per pack

| Weight (kg) | 250ml | 1L  | 2.5L |
|-------------|-------|-----|------|
| <100        | 25    | 100 | 250  |
| 100-300     | 12    | 50  | 125  |
| >300        | 8     | 33  | 83   |



[www.bluetongue-info.co.uk](http://www.bluetongue-info.co.uk)

References: 1. Bluetongue: Guidance on protection from vector attack. December 2007. DEFRA. 2. Bluetongue: Guidance on the disease and measures vector and potential mitigation measures. DEFRA. 3. Mehlhorn (2008) Parasitology Research 102 (3), 515-518.

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# Midges

A practical guide  
to their control

New Rainfast data



# Midges are a menace



'Midge' is the collective name given to numerous tiny species of flying, biting insects (*Culicoides spp.*), that have been proven to spread the bluetongue disease. They are attracted by the carbon dioxide exhaled by animals and are most active at dusk or dawn. At a time when midges are more of a problem than ever, this leaflet looks at the simple measures that you can take to help control them on your farm.<sup>1,2</sup>

## NEW Rainfast data

Leading animal health company Intervet/Schering-Plough has undertaken a field study to see how the efficacy of Butox SWISH might be affected by rainfall. A group of treated animals were wetted thoroughly with water, twice weekly, over a 4-week period. Midges were then placed in contact with the hair from these animals. Even after 4 weeks of rainfall the midges were still killed, even with as little as 15 seconds exposure to treated hair. The study confirms that Butox SWISH remains effective on animals regularly exposed to rain - not an uncommon event during the UK summer!

## Reduce breeding sites

- » Keep cows away from damp areas and moist soils
- » Move dung heaps away from livestock
- » Attend to slurry pits by scraping the perimeter to a depth of 6-10cm

# Treat animals with Butox<sup>®</sup> SWISH

Deltamethrin-based compounds have performed best in tests and should be applied according to the recommendations of the manufacturer or your prescribing professional. Insecticide treatments will not eliminate the risk of bluetongue but can prove beneficial when used as part of an integrated control programme that includes vaccination.

## Tips for top midge control

Careful application of Butox SWISH ensures adequate spread of product to the surface areas of the animal most prone to midge bites.

- » Ensure the correct volume has been drawn each time in the purposely supplied applicator (use the standard fly dose for midge control, e.g. 30ml for adult cattle)
- » Ensure the animal is adequately restrained by use of a crush or cattle race
- » Start at the midneck region and apply along the animal's spine from the midneck to tail
- » If handling conditions make one sweeping application difficult, a 30ml adult dose can be split into two 15ml doses - one for the front half and one for the back half of the cow's spine
- » Remember to treat all stock

If in doubt, talk to your prescribing professional

