

# Butox<sup>®</sup> 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



### 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

Butox SWISH contains deltamethrin in an aqueous suspension.

Legal category **POM-VPS** Further information is available on request. ® Registered trademark. Intervet/Schering-Plough Animal Health, Walton Manor, Walton, Milton Keynes MK7 7AJ.

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

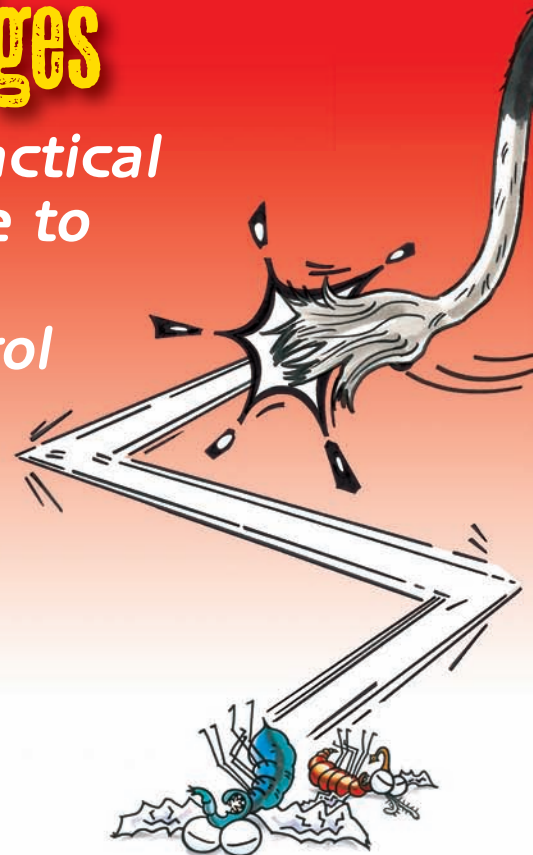
Butox<sup>®</sup>  
**SWISH**

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## Midges

*A practical guide to their control*



# 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>

## 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 6-10 cm

## Treat

### animals with Butox SWISH

Deltamethrin-based compounds have performed best in tests and should be applied according to the recommendations of the manufacturer or your vet. 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.

## Stop Press .....

Intervet/Schering-Plough conducted a trial<sup>3</sup> to determine the effectiveness of Butox SWISH against the midge species responsible for spreading the bluetongue virus. The trial found that BUTOX SWISH KILLS MIDGES for up to 4 weeks after dosing, even following only brief contact with treated hair.

## 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 vet or prescribing professional**

