

MULTINE®: Protection for lambing and weaning

Protection requires a vaccination programme that best meets the needs of your stock, and the risks they face.

MULTINE is a highly effective 5 in 1 vaccine that stimulates protection and provides antibodies for the suckling lamb.



MULTINE at pre-lamb is suitable for farmers who have:

- ▶ No history of clostridial death in lambs prior to weaning.

Protection from weaning.

MULTINE 5 in 1 is an ideal vaccine for:

- ▶ A 2-shot primary programme for lambs at weaning (for example, replacements, or lambs being finished on high quality pasture).
- ▶ Annual booster for non-pregnant ewes and rams.
- ▶ Pre-mating sensitiser for ewes of unknown or incomplete vaccination histories.

NILVAX usage

NILVAX is for use in sheep by subcutaneous injection. Where selenium supplementation is required, NILVAX SELENISED is available.

DOSE		
WEIGHT	DOSE	DOSES/PACK
20–25kg	3.5mL	142
26–65kg	4.0mL	125
66–80kg	4.5mL	111
81–90kg	5.0mL	100
91–95kg	5.5mL	90
96–100kg	6.0mL	83

Do not use in sheep less than 20kg because of the risk of levamisole toxicity.

Vaccination: 2–6 weeks prior to planned start of lambing.

Withholding period

Meat: 21 days Milk: 35 days

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DOSE FOR SHEEP	2mL
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Pre-lamb Vaccination: 2–4 weeks prior to planned start of lambing.

Withholding period – Nil

For more information, see Intervet/Schering-Plough Clostridial Advice, available from your veterinarian, farm store or www.spah.co.nz

1. Moffat J. (2004) Proceedings of Sheep and Beef Cattle Veterinarians, NZVA. Vol 34, P 181–189.
2. Anon. NILVAX Field Trials – Comparison 6 weeks prior to lambing. 1979, ICI Tasman. Eweguard is a registered trademark of Wyeth Holdings Corporation. Ultravac is a registered trademark of Pfizer.

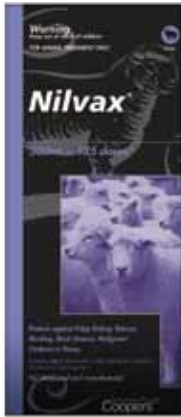
NILVAX® and MULTINE® are registered pursuant to the ACVM Act 1997, No's A3832, A3977, A934 & A935.
*Registered trademark. Schering-Plough Animal Health Limited, 33 Whakatiki Street, Upper Hutt.
Phone: 0800 800 543. NIL-156-2009.

What does more to ensure every lamb survives?



NILVAX®: Success starts at pre-lamb.

NILVAX®: Success starts at pre-lamb. More lambs. More profit.



Success means high lamb survival rates.

NILVAX gives every lamb the chance to reach weaning.

- ▶ NILVAX is a unique pre-lamb vaccine that provides more antibodies. And more antibodies is the best means of ensuring more lambs survive.
- ▶ NILVAX lambs get protection from the start, helping them survive. And increased lamb survival means increased returns.



NILVAX is the best way to protect lambs from birth to weaning.

- ▶ For lamb survival, the time from birth to weaning is critical. The major threat to lambs during this time is from clostridial diseases:
 - ▶ Blood Poisoning at birth.
 - ▶ Tetanus at tailing and docking.
 - ▶ Pulpy Kidney right through to weaning.
- ▶ Lambs are born with no antibodies, so they depend on the antibodies they receive from ewes' colostrum – the more they receive for longer, the higher their chances of survival.
- ▶ NILVAX massively stimulates the number of antibodies ewes produce – and it ensures the greatest proportion of ewes respond.¹
- ▶ More antibodies mean more lambs get a greater share – vital when you have multiples who suckle the same ewe.
- ▶ Plus, NILVAX protects your ewes.

NILVAX is ideal when you:

- ▶ Lose lambs from 2–3 days of age and weaning, particularly from Pulpy Kidney.
- ▶ Want the convenience of a long vaccination window (6-12 weeks) and longer protection (16 weeks).
- ▶ Have a high number of twins and triplets.

What is NILVAX?

- ▶ NILVAX is a unique vaccine, formulated from a combination of 5 in 1 and levamisole, which enhances the immune response.
- ▶ Used at pre-lamb, there is nothing like it to boost the protective antibody levels of ewes, so that their lambs receive the highest level of protection – right through to weaning.
- ▶ With NILVAX more ewes respond with higher antibody levels than other 5 in 1's.

Pulpy Kidney is the biggest killer of lambs.

NILVAX ewes produce the greatest number of antibodies against Pulpy Kidney which are passed on to their lambs (as shown in the graph below).

Lamb Pulpy Kidney antibody levels measured at docking 62 days after ewe vaccination.¹



Plus, NILVAX offers the advantages of earlier vaccination.

- ▶ Earlier vaccination (from 6 weeks pre-lamb) enables less handling and stress on pregnant ewes.
- ▶ NILVAX also protects more lambs for longer – up to 4 weeks longer than conventional 5 in 1s.

NILVAX at 6 weeks pre-lambing vs conventional vaccine at 2 weeks pre-lambing.²

