

Fact Sheet

Spectrazol[®] Milking Cow

Active Ingredient

Each syringe contains 250mg cefuroxime sodium.

Indications

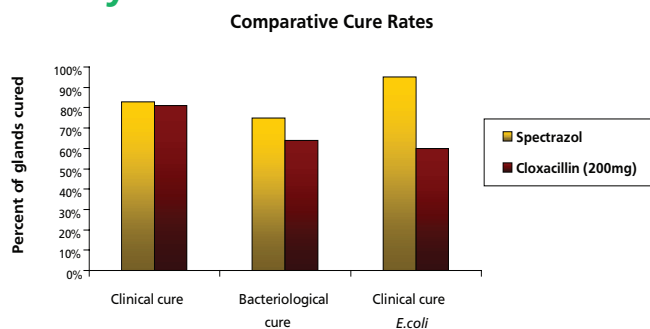
For the treatment of clinical and sub-clinical mastitis in lactating cows.

How it works

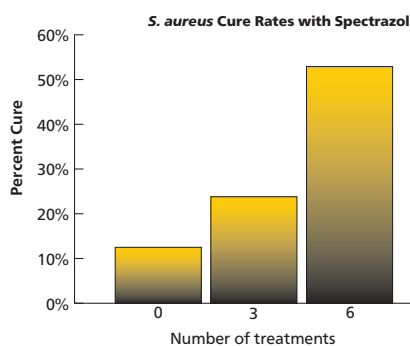
Spectrazol has activity against the major mastitis pathogens, including penicillin resistant Staphylococci.

The rapid-release base achieves deep udder penetration, fast, effective treatment and allows the antibiotic to be cleared quickly, making it ideal for use when milk production is in full swing.

Efficacy



Trial work shows clinical cure rates with Spectrazol were not statistically different to 200mg cloxacillin. Significantly more cases of coliform (*E. coli*) mastitis were cured with Spectrazol than with cloxacillin¹.



Trial work shows significantly increased cure rates can be achieved from extended therapy with Spectrazol². To improve cure in hard to deal with mastitis, therapy can be extended up to 8 treatments.

	Standard Therapy	Extended Therapy
	Minimal downtime with proven efficacy.	Maximise efficacy of hard to cure mastitis (especially <i>S. aureus</i>).
Dosage	Infuse the contents of 1 syringe into the infected quarter after each of 3 successive milkings.	Infuse the contents of 1 syringe into the infected quarter after each of 6 – 8 successive milkings.
Withholding period * milking twice daily	Milk 4 milkings (48 hours*) Meat 3 days	Milk 6 milkings (72 hours*) Meat 3 days

Pack size

20 Syringes

References

1. Wraight MD. (2003) A comparative efficacy trial between cefuroxime and cloxacillin as intramammary treatments for clinical mastitis in lactating cows on commercial dairy farms. *New Zealand Veterinary Journal* 51, 26-32.
2. Spatz-Shelgren J, Parker KI, McDougall S. (2007) Efficacy of Extended Therapy of *S. aureus* with Intramammary Cefuroxime. Proc. of the Society of DCV of the NZVA, 25-29.

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