

# CLAVULOX® L.C.

## The Spring Specialist

Calving time can create a peak of mastitis as cows come into the shed. It is primarily caused by environmental bacteria, such as *Strep. uberis*, contracted during the dry period or when calving, especially in typical wet spring conditions. These bacteria are often very responsive to short treatments, and a short milk withholding allows the cows back into the milking mob as soon as possible.



**Clavulox L.C. is the Spring Specialist because:**

- It has broad spectrum activity and high cure rates against *Strep. uberis*. This is due to the combination of the active ingredients amoxicillin and clavulanic acid.
- It has a short milk withholding of only 48 hours.

**Clavulox L.C. also has the additional advantages of:**

- A 3 day meat withholding
- An anti-inflammatory to reduce udder inflammation and hasten recovery of milk quality.

**Treatment regime and Withholding periods:**

### 3 tubes at 12 hour intervals

MILK	48 hours/4 milkings
MEAT	3 days

### 5 tubes at 12 hour intervals

MILK	96 hours/8 milkings
MEAT	7 days

# ORBENIN® L.A.

## The Workhorse

Throughout the season and during the dry period there are often tough mastitis cases. Towards the middle and end of lactation contagious bacteria such as *Staph. aureus* become more common and cow-to-cow transmission during milking can compound the problem. *Staph. aureus* mastitis is often difficult to treat with a short acting product as it can hide within cells, meaning some antibiotics cannot reach and kill it.



**Orbenin L.A. is ideal for infections in mid to late lactation and the dry period (a time when *Staph. aureus* is often present) because:**

- It has high cure rates against *Staph. aureus*. This is due to the antibiotic cloxacillin and the long contact time between the antibiotic and the site of infection. The 3 x 48 hourly regime provides 6 days antibiotic treatment.
- It has a short meat withhold of only 3 days.
- It has a flexible treatment regime allowing it to be used in once a day milking mobs.
- It can be used to treat subclinical mastitis during lactation.

**Treatment regimes and Withholding Periods:**

### 3 or 5 tubes at 48 hour intervals

Twice a day MILK	84 hours/7 milkings
Once a day MILK	72 hours/3 milkings

### 5 tubes at 24 hour intervals

Twice a day MILK	96 hours/8 milkings
Once a day MILK	96 hours/4 milkings
MEAT	3 days

# MASTALONE®

## The Big Gun

There are often cases of mastitis where other treatments have been tried and failed, or you know it is a severe case straight away. These can occur throughout the season and can be accompanied by severe udder swelling. In these cases it is great to have a reliable treatment in your mastitis arsenal.



**Mastalone is the Big Gun treatment for severe cases of mastitis or as a second line treatment where others have failed because:**

- It contains the unique combination of 3 antibiotics:
  - oxytetracycline,
  - oleandomycin and
  - neomycin, and
- An anti-inflammatory to reduce udder inflammation and hasten recovery of milk quality.
- It has a 24 hour treatment interval meaning a course gives the antibiotic a long contact time with the bacteria. It also means you can complete the day's treatment at morning milking.

**Treatment regime:**

3 tubes at 24 hour intervals

**Withholding periods:**

MILK	96 hours/8 milkings
MEAT	30 days

**DOWNLOAD THE ZOETIS WHP CALCULATOR APP FOR IPHONE, IPAD, OR ANDROID.**

[www.dairywellness.co.nz/app](http://www.dairywellness.co.nz/app)

- ✓ **Track withholding periods for each cow being treated for mastitis**
- ✓ **Find the best product to treat each mastitis case**
- ✓ **Set calendar reminders for you and your milkers**
- ✓ **Personalise for your own treatment regimes and milking periods**

**WATCH OUR BEST PRACTICE MASTITIS TREATMENT VIDEO AT:**

[www.dairywellness.co.nz/video](http://www.dairywellness.co.nz/video)

**SEVERAL FACTORS MUST BE CONSIDERED WHEN CHOOSING A MASTITIS TREATMENT INCLUDING:**

- ✓ **Time of season**
- ✓ **Timing of treatments**
- ✓ **Bacteria involved**
- ✓ **Withholding periods**
- ✓ **Severity of mastitis**
- ✓ **Once a day milking/ twice a day**
- ✓ **Initial case or repeat**
- ✓ **Age of cow**

Always use antibiotics responsibly

## EFFECTIVE MASTITIS SOLUTIONS FOR EVERY SITUATION

	CLAVULOX L.C.		ORBENIN L.A.		MASTALONE
<b>Time of Season</b>	Calving		Lactation/Dry Period		All season
<b>Treatment Regime</b>	3 tubes at 12 hour intervals	5 tubes at 12 hour intervals	3 or 5* tubes at 48 hour intervals	5 tubes at 24 hour intervals	3 tubes at 24 hour intervals
<b>Milk withholding period twice a day</b>	48 hours/4 milkings	96 hours/8 milkings	84 hours/7 milkings	96 hours/8 milkings	96 hours/8 milkings
<b>Milk withholding period once a day</b>			72 hours/3 milkings	96 hours/4 milkings	
<b>Meat withholding period</b>	3 days	7 days	3 days		30 days
<b>Effective against penicillin resistant Staphs</b>	✓		✓		✓
<b>Anti-inflammatory</b>	✓				✓

\*Recommended for treatment of subclinical mastitis during lactation which require longer treatment regimes.

**For more information visit [www.dairywellness.co.nz](http://www.dairywellness.co.nz) or contact your veterinarian.**

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