

FACT SHEET

PenethaOne



WHAT IS PENETHAONE?

Antibiotic injection for intramuscular injection in cattle, containing penethamate hydriodide.

WHAT IS PENETHAONE FOR?

PenethaOne is indicated for the treatment and control of infections caused by penicillin-sensitive Gram-positive bacteria that cause mastitis, metritis, respiratory infections and footrot in cattle.

PenethaOne is able to cross from the blood stream into milk, where penethamate becomes trapped. This increases PenethaOne's effectiveness for the systemic treatment of mastitis.

WHEN SHOULD YOU USE PENETHAONE?

PenethaOne is suited for treatment and control of acute mastitis in cattle, particularly when more than one quarter is infected.

NZ trial work (McDougall, 1998) showed that 85% of cows with clinical mastitis had more than one quarter infected.

HOW DO YOU USE PENETHAONE?

Which PenethaOne pack are you using?

	15MIU 5 Cow Pack	5MIU Multipack
Check the vial	15MIU	5MIU
Pack contains	5 x 15MIU vials 5 x 36mL diluent	15 x 5MIU vials 15 x 18mL diluent
5MIU dose volume	15mL	20mL
10MIU dose volume	30mL	40mL

USING THE 15MIU 5 COW PACK

CHECK YOUR VIAL SAYS 15MIU

Reconstitute the powder contained in the vial by adding all the contents (36mL) of the diluent supplied. Shake well after reconstitution. Each 15mL of reconstituted suspension contains 5 MIU of penethamate.

Dosage:

- 1. Cattle:** 5 MIU (15mL) once daily (equivalent to 10,000 - 15,000 IU/kg bodyweight/day). Repeat dose daily for 1 – 5 days.
- 2. For mastitis in lactating dairy cattle:** Use the above dosing or alternatively give 10 MIU (30mL) on Day one, followed by 5 MIU (15mL) on Day two.

A maximum dosage volume of 20mL per injection site should be administered.

USING THE 5MIU MULTIPACK

CHECK YOUR VIAL SAYS 5MIU

Reconstitute the powder contained in the vial by adding all the contents (18mL) of the diluent supplied. Shake well after reconstitution. Each 20mL of reconstituted suspension contains 5 MIU of penethamate.

Dosage:

- 1. Cattle:** 5 MIU (20mL) once daily (equivalent to 10,000 - 15,000 IU/kg bodyweight/day). Repeat dose daily for 1 – 5 days.
- 2. For mastitis in lactating dairy cattle:** Use the above dosing or alternatively give 10 MIU (40mL) on Day one, followed by 5 MIU (20mL) on Day two.

A maximum dosage volume of 20mL per injection site should be administered.

WITHHOLDING PERIOD

Meat: 7 days

Milk: 48 hours (5 MIU dose); 60 hours (10 MIU dose plus 5 MIU). Must not be fed to bobby calves.

STORAGE

Store below 25°C

The reconstituted aqueous suspension is stable for 12 hours 25°C (room temperature) or for 7 days when stored between 2 - 8°C (refrigerated).

PACK SIZE

PenethaOne is available in two 5-cow pack options:

- **Multipack:** 15 x 5MIU vials — 15 treatments, enough to treat 5 cows
- **15MIU 5 Cow Pack:** 5 x 15MIU vials — one vial per cow, enough to treat 5 cows

Diluent is supplied with all pack sizes.

RESTRICTED VETERINARY MEDICINE.

Available only under veterinary authorisation.

ACVM Registration Number: A11828

Refer www.agrihealth.co.nz for details.

