

# MeloxiVet

Longer Action NSAID

**Treat pain, fever  
and inflammation  
for healthy,  
productive cows**



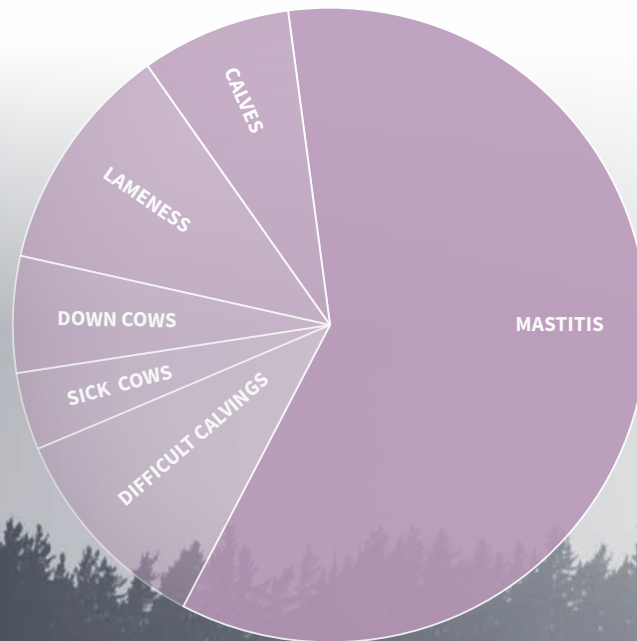
Evidence based vet medicines

**AgriHealth**

# Why MeloxiVet?

- High quality injectable NSAID, manufactured in Europe
- More COX-2 specific than many NSAIDs
- Single long lasting treatment for cattle

## Uses for MeloxiVet



**Improving productivity,  
wellbeing and sustainability  
in NZ dairy herds**

**TREATS PAIN - FEVER - INFLAMMATION**

**Tissue damage**

**Cell death**

Release of cell membrane phospholipids

**PHOSPHOLIPASE ACTION**

Production of Arachidonic Acid

**LIPOXYGENASE ACTION**

**CYCLOOXYGENASE ACTION**

**MeloxiVet**

**Production of leukotrienes**

- Sustain inflammatory reactions
- Chemotactic (attract neutrophils)
- Increase vascular permeability
- Role in allergic reactions, especially anaphylactic shock

**Thromboxane**

- Vasoconstriction and platelet aggregation (blood clotting)

**COX-1 (constitutive)**

**'House-keeping' prostaglandin production**

- Homeostasis
- GI mucosal protection
- Protection of the kidney

**COX-2 (upregulation)**

**Inflammatory prostaglandin production**

- Vasodilation
- Vascular permeability

**Thermoregulation**

- Causes pyrexia (acts on hypothalamus)

**Potentiation**

- Histamine activity (allergy)
- Bradykinin (pain response)



# MeloxiVet

Non-steroidal anti-inflammatory, analgesic and antipyretic injection for use in cattle, pigs and horses

## Properties

Meloxicam is a non-steroidal anti-inflammatory drug (NSAID) of the oxicam class which acts by inhibition of prostaglandin synthesis, thereby exerting anti-inflammatory, anti-exudative, analgesic and antipyretic effects.

## Indications

- Cattle:**
- for use in acute mastitis, in combination with antibiotic therapy, as appropriate, to reduce clinical symptoms in lactating cows
  - for use in acute respiratory infection with appropriate antibiotic therapy to reduce clinical signs in cattle
  - for use in diarrhoea in combination with oral rehydration therapy to reduce clinical signs in calves over one week of age and young cattle
  - for use in assisting in the control of pain following the dehorning of cattle particularly following heat cautery dehorning of young cattle. It is recommended that the injection be administered approximately 10 minutes before dehorning and be accompanied by cornual nerve block anaesthesia
- Pigs:**
- for use in acute non-infectious locomotor disorders to reduce the symptoms of lameness and inflammation
  - for use in puerperal septicaemia and toxæmia (mastitis-metritis-agalactia syndrome) to reduce clinical signs of inflammation, oppose the effects of endotoxins and hasten recovery in sows
- Horses:**
- for single dose rapid initiation of therapy of musculoskeletal disorders and relief of pain associated with colic

## Dosage and administration

MeloxiVet contains 20mg per mL meloxicam.

Administer in combination with antibiotic therapy as appropriate.

**Cattle: Single use only.** Administer 2.5mL per 100kg body weight (0.5 mg meloxicam /kg) by subcutaneous or intravenous injection. For very young calves weighing less than 50kg a dose rate of 0.5mL per 20kg is appropriate.

**Pigs:** Administer 2mL per 100kg bodyweight by intramuscular injection in the anterior neck (0.4 mg meloxicam /kg). Can be repeated once after 24 hours if necessary.

**Horses: Single use only.** Administer 3mL per 100kg body weight by intravenous injection (0.6 mg meloxicam /kg).

## Withholding Period

Milk: **84 hours**

Meat: Cattle - 10 days      Pigs - 3 days      Horses - 28 days

## Precautions and contraindications

Do not use in animals suffering from impaired hepatic, cardiac or renal function and haemorrhagic disorders, where there is evidence of ulcerogenic gastrointestinal disorders, or where there is evidence of individual hypersensitivity to the product.

Administration concurrently with glucocorticoids, other non-steroidal anti-inflammatory drugs or with anti-coagulant agents is contraindicated and MeloxiVet should be used with caution in conjunction with other highly protein bound drugs.

**Pigs:** Safe use in pregnant sows has not been fully evaluated but preliminary studies suggest that it has no harmful effects in the second and third trimester of pregnancy. Can be used in lactating sows.

**Horses:** The safety of this product in pregnant and lactating horses and in horses under 6 weeks of age has not been established and therefore its use in these classes of horse is contraindicated.

## Storage

Store below 25°C. Use within 28 days of opening.

Restricted Veterinary Medicine, ACVM Registration Number: A11234. Only available only under veterinary authorisation.

