

### Directions for use:

Shake well before drenching.

Cattle: 85ml per 450kg Adult  
Sheep: 15ml per 40-80kg Adult  
Alpacas: 15ml per 90kg Adult

A second drench may be given after 2-3 days as required.

Nil withholding period for milk and meat

Available in 2L, 5L, 20L and 200L

*A free flowing  
mixture  
containing oils  
that aid in the  
recovery from  
Stress*

For more information on this product contact DomHealth

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# Manderson's Mix™

Administered to aid animals  
under stress



# MANDERSON'S MIX™

***Manderson's Mix™ is a drench containing a combination of oils that may help animals suffering from stress***

**Castor Oil, Olive Oil, Linseed Oil, Cod-liver Oil**

- Oral drench to benefit animals under stress
- Cost-effective
- Easy to administer in a one-off drench
- Completely natural and safe
- No withholding periods for meat or milk

*Anecdotally, farmers who have used MANDERSON'S MIX™ have observed rapid recovery of stock suffering from stress*

## **The history of Manderson's Mix™**

Thirty-five years ago a Kairanga (Manawatu) dairy farmer, Peter Manderson, developed Manderson's Mix™. Since then, his blend of oils called **Manderson's Mix™**, has been used and praised by farmers throughout the North Island.

Mr Manderson is a successful farmer and former owner of the Luck Hollow Holstein Friesian Stud, which is now owned and operated by his sons. He developed **Manderson's Mix™** for his stocks ailments. Adding the oil blend to a predominantly pasture diet seemed to be just the ticket to offer his cows a more nutritionally balanced diet, and aid in the recovery of animals that had suffered from stress.

The mode of action of Manderson's mix™ is, at this stage, unknown. However, veterinarians and nutritionists alike, are able to explain the health benefits of the vitamins, minerals and essential fatty acids that are contained in the oil blend.

## **What is Manderson's Mix™**

A combination of the oils Castor Oil, Olive Oil, Linseed Oil, and Cod-liver Oil in the right proportions. The unique properties of these oils work to offer your stock relief during times of stress. Each oil has been carefully selected for its unique properties that, when added to

### **Castor Oil**

Castor oil is an oil that has been used for centuries to support healthy skin and healthy gut function.

### **Olive Oil**

This monounsaturated fat is tolerated very well by the stomach. Olive oil supports healthy gut function, and the phenolic content supports healthy liver function. Olive oil has high phenol levels, and these are considered to be beneficial.

*Some interesting observations on Olive Oil:*

- Animals fed olive oil were found to have a higher level of zinc
- The presence of vitamins A, D, E and K support both healthy skin and gut function
- Olive oil contains small quantities of Squalane, which supports healthy skin function
- Supports healthy bone development and circulation
- Easily digested

### **Linseed Oil**

Also known as flax seed oil, it contains omega-6 and omega-9 essential fatty acids, B vitamins, potassium, lecithin, magnesium, fiber, protein, and zinc. Like most vegetable oils, linseed oil contains linoleic acid, an essential fatty acid (EFA) needed for survival. A unique feature of linseed oil is that it also contains significant amounts of another essential oils.

Researchers point out that, since fatty acids are crucial in maintaining the healthy function of cell membranes, linseed oil can support healthy skin. Linseed oil is used in numerous applications. Therefore, unsurprisingly the Latin name for linseed oil is *Linum usitatissimum*, which means "most useful."

- Helpful in supporting healthy skin function
- Improves the absorption of calcium
- Helpful in supporting healthy liver function
- Omega-3 EFA supports health when coping with stress

### **Cod-liver Oil**

Cod liver oil, as its name suggests, is oil extracted from cod livers. It is one of the most effective providers of omega-3 fatty acids (EPA and DHA), supporting healthy skin, hair, and nails, and is essential for building new cells. It is also an excellent source of fat soluble vitamins, A and D, which are stored in the liver. Cod liver oil supplementation supports healthy skin.

Cod liver oil also supports healthy liver function. It also supports healthy mucous membranes.

### **When do I use Manderson's Mix™?**

Manderson's mix™ is a good nutritional supplement at any time of year when animals are suffering stress. Manderson's mix™ supports a healthy metabolism.