

# Duocare®

with Selenium

Duocare® with selenium is a powerful combination drench for sheep. It contains levamisole and fenbendazole.

## WHAT IS DUOCARE® WITH SELENIUM

- ✓ A combination drench containing levamisole and fenbendazole
- ✓ Controls all susceptible roundworms
- ✓ A non ML combination
- ✓ Short acting
- ✓ Contains selenium



## WHY CHOOSE DUOCARE® WITH SELENIUM

- 1. CONTAINS LEVAMISOLE AND FENBENDAZOLE.**  
The combination of levamisole and fenbendazole acts to control worms that may be resistant to either levamisole or fenbendazole.
- 2. CONTROLS ALL MAJOR SUSCEPTIBLE ROUND WORMS.**  
Will control all major internal parasites that are susceptible to a white/clear combination drench. These include barber's pole worm, large stomach worm, small brown stomach worm, stomach hair worm, black scour worm, small intestinal worm, thin necked intestinal worm, large mouthed bowel worm, nodule worm, large bowel worm, whipworm, intestinal threadworm, and large lungworm. These worms reduce productivity, especially in young animals. Weight gains can be reduced by up to 20% and wool growth can be affected significantly.
- 3. ROTATE TO A NON ML COMBINATION.**  
The macrocyclic lactone (ML) drenches, which include Virbamec® Oral, are the most potent of the drench molecules. For this reason, it is important that they are

rested by rotating to a non ML drench such as DuoCare® with selenium. By rotating each drench group, the time that you can use each drench group on your property is extended by slowing the onset of drench resistance.

- 4. CAN BE MIXED\* WITH MAXI-MIN®.**  
DuoCare® with selenium can be mixed with Maxi-Min® to give your stock the trace elements they require to ensure maximum production.  
\* Off label usage. Mixing should be done under the supervision of a veterinarian.
- 5. CONTAINS SELENIUM.**  
An aid in controlling selenium deficiency in sheep. Selenium deficiency and poor nutrition can increase the effect a worm burden can have on a flock. Other problems associated with selenium deficiency are reduced growth rate (in wool and meat), reduced immunity to worms, and greater susceptibility to other infections.

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## WHEN TO USE DUOCARE® WITH SELENIUM

### 1. USING DUOCARE® WITH SELENIUM AS YOUR SECOND SUMMER DRENCH.

DuoCare® with selenium gives good broad spectrum control for your second summer drench without using too many drench groups. This enables more drenches to be available for times of high worm burden, or for strategic treatment during the year.

### 2. AFTER YOU HAVE USED AN ML DRENCH.

If an ML drench such as Virbamec® Oral was used as the last drench, it is good practice to then use a non ML for the next drench. All drenches should be checked for their effectiveness at least every two years.

### 3. IN COMBINATION\* WITH OTHER DRENCHES INCLUDING ABAMECTIN DRENCHES.

For those producers wanting to use a combination product, the best combination would use abamectin as its ML. By using Virbamec® Oral with DuoCare® you have a highly effective, short acting combination of actives.

\*Off label usage. Mixing should be done under the supervision of a veterinarian.

### 4. AS A QUARANTINE DRENCH IN CONJUNCTION WITH ALL OTHER DRENCH CLASSES.

DuoCare® with selenium should be used as the white/clear combination component of the quarantine drench. This provides broad spectrum control and will control all susceptible roundworms. For quarantine drenching Virbamec® Oral (ML) should also be used with DuoCare®.

## HOW TO USE DUOCARE® WITH SELENIUM

### 1. ROTATE WITH VIRBAMEC ORAL®.

Rotate with other drenches that offer control on your property. To delay the onset of resistance, it is important to rotate drenches on your property.

### 2. WORM TEST

To be sure a drench is effective on your property a drench test should be conducted every 2 years. This is an essential management tool as the most expensive drench used on your property is the drench that does not work.

## QUICK REFERENCE GUIDE

### INDICATIONS

- Control of levamisole and fenbendazole sensitive parasites including roundworms and lungworms in sheep. As an aid in controlling selenium deficiency in sheep.

### CONTRAINDICATIONS

- Administration to goats, horses or dogs.

### RECOMMENDED FOR USE IN

- Sheep of all ages that have worms susceptible to levamisole/ fenbendazole combinations. Sheep younger than 12 months of age should be treated with Firstmectin SE.

### PRESENTATION

- Liquid: 1 L, 5 L, 20 L.

### DOSAGE/DIRECTIONS

Liveweight (kg)	Dose Volume (ml)	Sheep Treated (1L)	Sheep Treated (5L)	Sheep Treated (20L)
Under 15 kg	3	333	1666	6666
16-20	4	200	1000	4000
21-25	5	133	666	2666
26-30	6	100	500	2000
31-35	7	80	400	1600
36-40	8	66	333	1333
41-45	9	57	285	1142
46-50	10	50	250	1000
51-55	11			
56-60	12			
61-65	13			
66-70	14			

Dose sheep in excess of 70 kg bodyweight at 1 mL/5 kg.

- DuoCare® with selenium is given orally at the recommended dose rate of 1 mL/5 kg bodyweight.
- Dose the mob according to the heaviest animal by liveweight in the group (ewes, rams, lambs). Do not underdose. A representative sample of animals should be weighed before treatment.

### COMPOSITION

Levamisole (as hydrochloride)	40g/L
Fenbendazole	25g/L

### PRECAUTIONS

- Selenium can have toxic effects, particularly in sheep with liver damage that graze plants that contain pyrrolizidine alkaloids.
- Do not drench in marking or mulesing cradles due to the increased risk of aspiration into the lungs.

### STORAGE

- Store below 30 degrees celsius (room temperature) in original container.

### WITHHOLDING PERIOD

Sheep Meat: 14 days.  
Milk: 3 days.  
ESI: 14 days

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