

# Inovata<sup>®</sup>

## Animal Health Range

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## TRIPLE ACTIVE

### Eraser | TRIPLE ACTIVE ORAL FOR SHEEP |



#### ACTIVES

1 g/L Abamectin  
40 g/L Levamisole Hydrochloride  
25 g/L Albendazole

#### ADDED MINERALS

2.1 g/L Copper, 0.5 g/L Selenium,  
0.6 g/L Zinc, 0.21 g/L Cobalt and  
0.76 g/L Iodine

#### EFFECTIVE AGAINST

- gastrointestinal roundworms
- tapeworms
- lungworms
- itch mite
- nasal bot
- aids in the control of adult liver fluke

ACVM ACT 1997 No. A011945

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /5kg	1L	20L

### Eraser OX | TRIPLE ACTIVE ORAL FOR SHEEP |



#### ACTIVES

1 g/L Abamectin  
40 g/L Levamisole Hydrochloride  
22.65 g/L Oxfendazole

#### ADDED MINERALS

2.1 g/L Copper, 0.5 g/L Selenium,  
0.6 g/L Zinc, 0.21 g/L Cobalt and  
0.76 g/L Iodine

#### EFFECTIVE AGAINST

- gastrointestinal roundworms
- lungworms

ACVM ACT 1997 No. A011945

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /5kg	20L	

### Eraser Tape | TRIPLE ACTIVE ORAL + TAPE FOR SHEEP |



#### ACTIVES

1 g/L Abamectin  
40 g/L Levamisole Hydrochloride  
25 g/L Albendazole  
19 g/L Praziquantel

#### ADDED MINERALS

2.1 g/L Copper, 0.6 g/L Zinc,  
0.21 g/L Cobalt, 0.76 g/L Iodine and  
0.5 g/L Selenium

#### EFFECTIVE AGAINST

- gastrointestinal roundworms
- tapeworms
- lungworms
- itch mite
- nodule worms
- nasal bot
- aids in the control of adult liver fluke

ACVM ACT 1997 No. A011948

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /5kg	10L	

**Inovata Tape** | DOUBLE ACTIVE ORAL + TAPE FOR SHEEP |



**ACTIVES**

40 g/L Levamisole Hydrochloride  
25 g/L Albendazole  
19 g/L Praziquantel

**ADDED MINERALS**

2.1g/L Copper, 0.5g/L Selenium,  
0.6g/L Zinc, 0.21g/L Cobalt and  
0.76g/L Iodine

**EFFECTIVE AGAINST**

- gastrointestinal roundworms
- tapeworms
- lungworms
- aids in the control of adult liver fluke

ACVM ACT 1997 No. A011965

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /5kg	10L	
MEAT	14 Days			

**Inovata OXL** | DOUBLE ACTIVE ORAL FOR SHEEP |



**ACTIVES**

40 g/L Levamisole Hydrochloride  
22.65 g/L Oxfendazole

**ADDED MINERALS**

2.5 g/L Copper, 0.21 g/L Cobalt,  
0.76 g/L Iodine, 1.25 g/L Zinc and  
0.5 g/L Selenium

**EFFECTIVE AGAINST**

- gastrointestinal roundworms
- lungworms
- tapeworms

ACVM ACT 1997 No. A011956

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /5kg	20L	
MEAT	14 Days			

**Inovata Cattle AL** | DOUBLE ACTIVE ORAL FOR CATTLE |



**ACTIVES**

100 g/L Albendazole  
75 g/L Levamisole Hydrochloride

**ADDED MINERALS**

No added minerals

**EFFECTIVE AGAINST**

- gastrointestinal roundworms
- lungworms
- control of adult liver fluke

ACVM ACT 1997 No. A011957

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK	35 Days	1mL /10kg	5L	10L
MEAT	14 Days			

## DOUBLE ACTIVE

### Gemini | DOUBLE ACTIVE ORAL FOR SHEEP AND CATTLE |



#### ACTIVES

2g/L Abamectin  
80g/L Levamisole Hydrochloride

#### ADDED MINERALS

1g/L Selenium and  
5g/L Cobalt

#### EFFECTIVE AGAINST

- gastrointestinal roundworms
- lungworms
- Ivermectin Resistant Cooperia in cattle

ACVM ACT 1997 No. A011950

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK 35 Days	MEAT 14 Days	1mL /10kg	10L	

### Tison | DOUBLE ACTIVE SPOT-ON FOR SHEEP |



#### ACTIVES

15 g/L Eprinomectin  
26 g/L Levamisole

#### ADDED MINERALS

No added minerals

#### EFFECTIVE AGAINST

- gastrointestinal roundworms
- lungworms

ACVM ACT 1997 No. A011955

IT IS NOT RECOMMENDED TO APPLY THIS PRODUCT WITHIN 2 WEEKS OF SHEARING (PRE OR POST).

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE	
MILK 35 Days	MEAT 16 Days	1mL /2.5kg	1L	10L



## Inovata Selenium Pour-On | MINERAL POUR ON FOR CATTLE AND DEER |



### ACTIVE

5 mg/mL Selenium  
(as sodium selenate)

### INDICATIONS

For the prevention and treatment of selenium deficiency and selenium responsive diseases in cattle and deer.

ACVM ACT 1997 ACVM No. A012120

WITHHOLDING PERIODS		DOSE RATE	PACK SIZE		
MILK	0 Days	CATTLE: 1.5mL/50kg body weight (0.15 mg Se per kg) DEER: 3mL/50kg body weight (0.3 mg Se per kg)	1L	2.5L	5L
MEAT	0 Days				

**SELENIUM DEFICIENCY IN CATTLE** is a well-documented issue in New Zealand, causing problems such as poor growth, diarrhoea, and increased mortalities in cattle.

Treatment for selenium deficiency has been shown to reduce the severity of mastitis and improve milk production and fertility in adult dairy cows.

Studies have also demonstrated significant growth improvements in calves, such as a 52% increase in Jersey and Jersey-cross calves and a 6.7% growth increase in Hereford beef calves. These findings also demonstrated that selenium deficiency affects cattle across various soil types across New Zealand.

**SELENIUM SUPPLEMENTATION METHODS** include top dressing of pasture, oral and injectable formulations, slow-release devices and topical formulations.

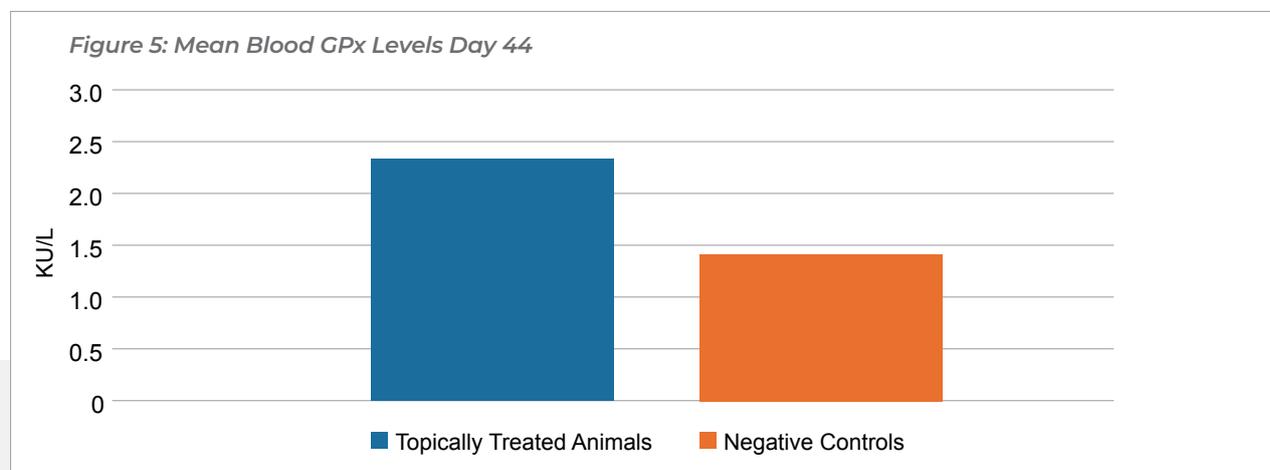
Additionally, some anthelmintic drenches contain selenium. Selpor Selenium Pour-On, developed in the 1990s by Ancare New Zealand Ltd, was a popular topical selenium supplement due to its ease of use. However the product was removed from the market in 2022.

In response to demand, Inovata developed a chemically identical formulation to Selpor.

**A STUDY WAS CONDUCTED** to assess the absorption of the original Selpor and the new Inovata product. These bulls were randomly assigned to four treatment groups, each consisting of five animals.

### TREATMENT GROUPS INCLUDED:

- Inovata Selenium Pour-On (0.15 mg/kg)
- Selpor Selenium Pour-On (0.15 mg/kg)
- Prolaject 2000 B12 + Selenium injection (0.1 mg/kg)
- Negative control group (no treatment)



This graph shows the effect that treatment with Inovata Selenium Pour On had on blood GPx levels (a measure of selenium status) in cattle grazing in a deficient areas 44 days after treatment.

## Inovata Selenium Pour-On Comparative Study

| MINERAL POUR ON FOR CATTLE AND DEER |



The bulls were treated on Day 0 according to the label instructions for the topical products. Blood samples were taken at several time points (pre-treatment and days 3, 7, 14, 21, 28, and 44) and tested at a commercial laboratory to assess the groups selenium status.

Blood GPx was only tested on Days 0, 28 and 44. Animals were monitored for general health, and the application site was inspected on Day 3.

COMPARISONS WERE MADE between Day 0 baseline data and the subsequent results, which would be useful for veterinarians monitoring selenium supplementation without a negative control group.

Comparison between Inovata Selenium Pour-On and the previously marketed

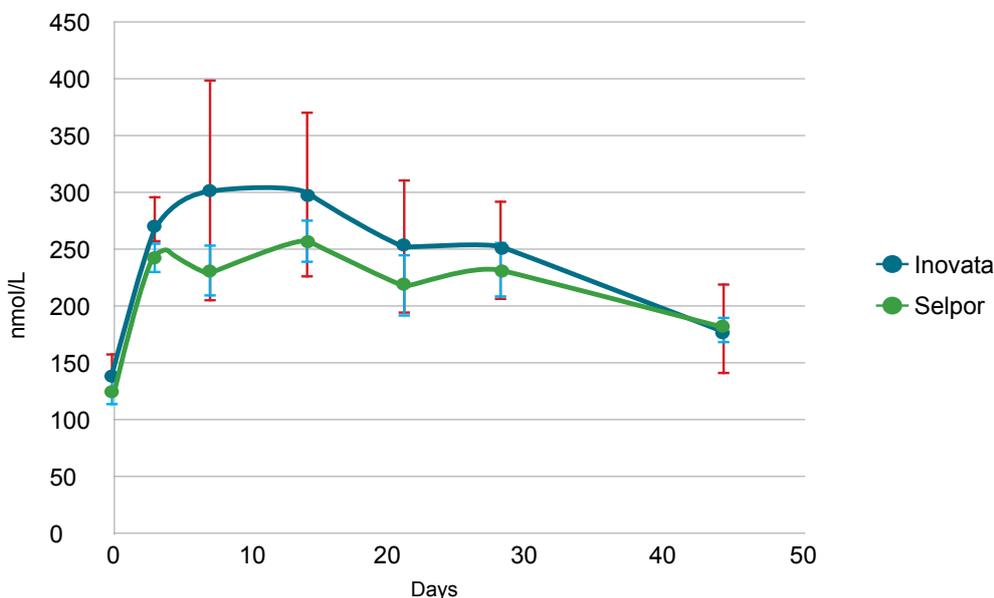
product showed that both products were equivalent in terms of safety and efficacy.

The topically treated animals had elevated blood selenium levels right through the study. At Day 44 a comparison of all topically treated animals with negative controls showed a statistically significant difference in blood GPx levels ( $p=0.004$ ).

**THIS RESULT IS IMPRESSIVE** considering that there was evidence of the negative control animals absorbing selenium from treated animals via licking.

This study showed that treatment with Inovata Selenium Pour-On was safe and efficacious elevating selenium levels in treated cattle for approximately 44 days and was bioequivalent to the previously registered Selpor.

Figure 1: Mean Serum Selenium Inovata Selenium PO and Selpor with 90% Confidence Intervals



This graph shows that Inovata Selenium Pour-On and the originally marketed product had similar efficacy and persistence out to 44 days after treatment from the comparative study described above.

THE FULL PUBLISHED  
PAPER DESCRIBING THIS  
STUDY IS AVAILABLE ON  
THE INOVATA WEBSITE  
AVAILABLE AT THE QR  
CODE BELOW.



## Inovata Abamectin | SINGLE ACTIVE POUR ON FOR CATTLE |



### ACTIVES

10g/L Abamectin  
Added Minerals

### ADDED MINERALS

No added minerals

### EFFECTIVE AGAINST

- gastrointestinal roundworms
- lungworms
- biting and sucking lice

ACVM ACT 1997 No. A011958

WITHHOLDING PERIODS			DOSE RATE	PACK SIZE		
MILK	35 Days	MEAT	35 Days	1mL /20kg	5L	20L

## Cyro-Spray | SINGLE ACTIVE SPRAY ON FOR SHEEP |



### ACTIVES

60g/L Cyromazine

### ADDED MINERALS

No added minerals

### EFFECTIVE AGAINST

Commonly found strike flies including the Australian Green Blowfly (*Lucilia cuprina*).

ACVM ACT 1997 No. A012004

WITHHOLDING PERIODS			DOSE RATE	PACK SIZE		
MILK	35 Days	MEAT	7 Days	<b>For prevention of flystrike at docking/tailing:</b> Apply 5-10mL over the crutch.  <b>For the prevention of poll strike:</b> Apply at least 5mL around the poll and horns.	10L	20L
		WOOL	60 Days			

## Cyro-Liquid | SINGLE ACTIVE LIQUID CONCENTRATE FOR SHEEP |



### ACTIVES

500g/L Cyromazine

### ADDED MINERALS

No added minerals

### EFFECTIVE AGAINST

Commonly found strike flies including the Australian Green Blowfly (*Lucilia cuprina*).

ACVM ACT 1997 No. A012003

WITHHOLDING PERIODS			DOSE RATE	PACK SIZE		
MILK	35 Days	MEAT	7 Days	<b>For longer term protection (up to 12 weeks):</b> Mix 2L of product with 1,000L of water and apply by showering, plunge dipping or jetting.  <b>For medium term protection (up to 6 weeks):</b> Mix 1L of product with 1,000L of water and apply by showering, plunge dipping or jetting.	2L	5L
		WOOL	60 Days			

