

CYDTECTIV[®]

PLATINUM



DUAL ACTIVE LV POUR-ON FOR CATTLE

WITH DMI-Sorb[™] TECHNOLOGY

THE NEXT GENERATION HAS ARRIVED

- HIGHLY EFFECTIVE AGAINST SINGLE AND DUAL RESISTANT WORMS¹
- PERSISTENT ACTIVITY FOR REDUCED PASTURE CONTAMINATION FOR UP TO 35 DAYS¹
- 7 DAY MEAT WHP AND 20 DAY ESI OFFER OPTIMAL MARKET OPPORTUNITY



Shaping the future
of animal health

Virbac

THE WORLD'S FIRST DUAL ACTIVE MOXIDECTIN LEVAMISOLE POUR-ON POWERED BY DMI-Sorb™ TECHNOLOGY

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- PERSISTENT ACTIVITY FOR REDUCED PASTURE CONTAMINATION FOR UP TO 35 DAYS¹
- 7 DAY MEAT WHP AND 20 DAY ESI OFFER OPTIMAL MARKET OPPORTUNITY
- DMI-Sorb™ TECHNOLOGY ENHANCES PENETRATION OF ACTIVES AND IS NON-IRRITANT

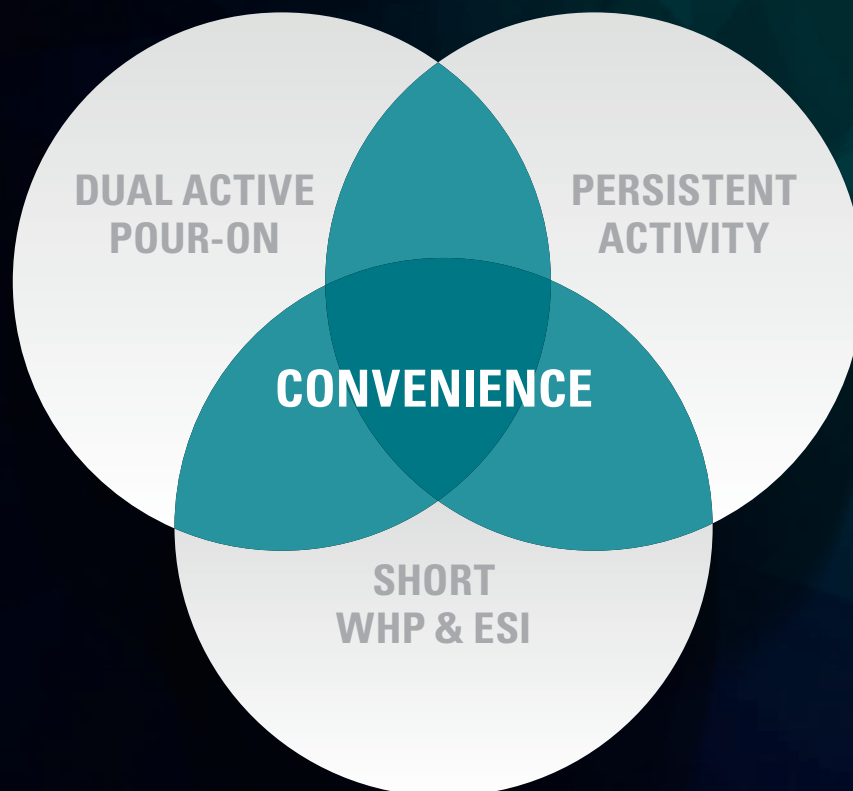
Cydectin® Platinum is the most recently tested cattle drench in Australia.*

Highly effective against key cattle worms including strains resistant to commonly used single active endectocides such as Doramectin, Abamectin, Ivermectin and/or Moxidectin, and/or Levamisole.¹

New **DMI-Sorb™** Formulation Technology enhances absorption of actives and is non-irritant to animals when used as directed.

Powerful dual actives with persistent activity, short withholding periods and the convenience of a Low-Volume pour-on.

Australian cattle producers have relied on Cydectin® for more than twenty years, and now they can for another twenty.



INNOVATION TO THE CORE

The valued benefits of Cydectin® you've come to expect with the power of dual actives for unrivalled worm control, including single and dual resistant strains¹.

- Low-Volume 1 mL/ 20 kg
- 10 g/L Moxidectin
- 200 g/L Levamisole (as base)

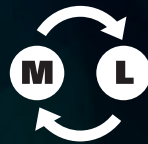
AUSTRALIAN DEVELOPED AND TESTED, DELIVERING WHAT AUSTRALIAN FARMERS ASKED FOR.

A HIGHLY EFFECTIVE CATTLE DRENCH WITH SHORT WITHHOLDING PERIODS IN THE CONVENIENCE OF A POUR-ON.



Dual Actives:

Unrivalled worm control, even in the face of single and dual resistance. No need to compromise convenience for performance.



Moxidectin & Levamisole:

Potency, persistency and reliability of Moxidectin. Broad spectrum efficacy of two actives against key cattle worms.

DMI-Sorb™
FORMULATION TECHNOLOGY

DMI-Sorb™ Technology:

A non-irritant pour-on that stays on to enhance penetration and reduce absorption variability. Does not irritate the skin or damage the hide.¹



Persistent Activity:

Reduces pasture contamination for up to 35 days, leading to safer and cleaner pastures.¹



Short WHP: 7 Day¹ meat WHP to make sure you never miss a market opportunity with the shortest WHP of any combination drench*.



Short ESI: 20 Day¹ to make sure you never miss a market opportunity with the shortest ESI of any combination drench*.



TCI: 28 Day Treatment to Calving Interval means an ideal dry-off or pre-calving treatment.¹



Rainfast:

Rainfall from 2 hours after treatment will not affect efficacy.¹



Dung Beetles: Proven to have no known effect on dung beetles** like Cydectin® Pour On and Cydectin® Injectable range

*Compared to other registered combination drenches. ** Not likely to have any significant adverse effect on the following dung beetles: *Onthophagus gazella*, *O.taurus*, *Euniticellus intermedius* and *E.fulvus*. Effects on other dung beetle species have not been fully evaluated.

THE MOST RECENTLY TESTED DRENCH IN AUSTRALIA

WHILE DRENCHES CAN HAVE REGISTERED CLAIMS FOR TREATMENT AND CONTROL OF WORMS, A DRENCH-CHECK* MAY REVEAL A VERY DIFFERENT PICTURE TO WHAT IS ON THE LABEL.

Label claims of most drenches, including brands like Dectomax®, Eprinex® and Ivomec® (and their generic versions) are based on registration trials conducted decades ago.

In recent registration trials^{2,3}, Cydectin® Platinum was shown to be highly effective against current field strains of key economically important cattle worms around Australia, including strains resistant to commonly used single active endectocides containing Doramectin, Abamectin, Ivermectin or Moxidectin.

HIGHLY EFFECTIVE AGAINST CURRENT STRAINS OF KEY CATTLE WORMS

Recent Total Worm Count registration trials (Gold Standard in efficacy testing), showed Cydectin® Platinum treated cattle were worm-free 14 days after treatment compared to the untreated control group. Faecal egg counts 14 days after treatment were also zero compared to the control group.²

*Measuring worm egg counts 14 days after treatment.



TOTAL WORM COUNT AND FECRT (ARMIDALE, NSW)²

Mean Total Worm Count and % Efficacy				Day 14 Mean Faecal Egg Count (eggs per gram)		
Worm species	Control	Cyductin® Platinum	Efficacy (%)	Control	Cyductin® Platinum	Efficacy (%)
<i>Ostertagia ostertagi</i>	133	0	100%	693	0	100%
<i>Haemonchus placei</i>	500	0	100%			
<i>Cooperia</i> spp.	2,267	0	100%			
<i>Trichostrongylus axei</i>	6,400	0	100%			
<i>Oesophagostomum</i> spp.	33	0	100%			

Cattle were young (<12 months old), mixed sex *Bos taurus* and *Bos indicus* from multiple properties.

PERSISTENT ACTIVITY PROVIDES CLEANER PASTURES FOR UP TO 35 DAYS

Recently conducted registration field trials showed cattle treated with Cyductin® Platinum had significantly reduced egg outputs over 35 days compared to untreated controls.³ It can be estimated that the untreated control animals may have contributed over 2 million eggs to the pasture per animal per day.

Trial Site	Efficacy based on Faecal Egg Counts*				Mean daily egg output per animal**	
	Day 7	Day 14	Day 21	Day 35	Cyductin® Platinum	Control group
Uralla (NSW)	100%	100%	100%	100%	0	2,299,200
Bingara (NSW)	100%	100%	100%	100%	0	8,133,600

Cyductin® Platinum is the only combination drench with a persistency claim to reduce pasture contamination for up to 35 days.¹

*Geometric Mean. ** Based on mean FECs at Day 0-35 and assumption of 12 kg of manure production per day.





LEAVING WORMS BEHIND SIGNIFICANTLY IMPACTS PRODUCTIVITY

Leaving worms behind in cattle can lead to significant productivity losses. A number of studies have shown that the use of dual active drenches against resistant worms increased productivity compared to popular single active endectocide drenches.^{4,5} To protect productivity, always use a drench with the highest efficacy.

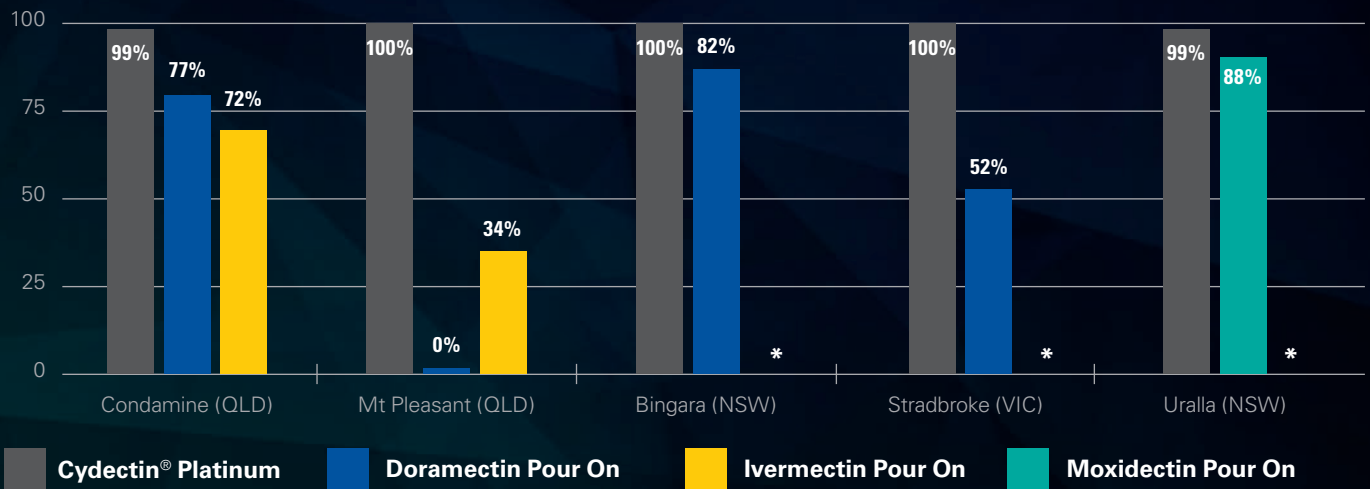
UNRIVALLED WORM CONTROL, EVEN IN THE FACE OF SINGLE AND DUAL RESISTANCE¹

In addition to Total Worm Count trials, Cydectin® Platinum was put to the test under current field conditions in a series of Faecal Egg Count Reduction Trials (FECRTs) in Queensland, New South Wales and Victoria.⁶

Cydectin® Platinum was found to be highly effective against worms at five trial sites when compared to single active endectocides 14 days after treatment. Doramectin, ivermectin and moxidectin single active products failed to effectively remove worm burdens 14 days after treatment (less than 95% efficacy).⁶

SUMMARY OF MULTIPLE FAECAL EGG COUNT REDUCTION TRIALS (FECRTs)

% Efficacy FECRT 14 days after drench**



* Ivermectin was not used on Bingara, Stradbroke and Uralla Trial sites.

- DORAMECTIN RESISTANT HAEMONCHUS (BARBER'S POLE WORM) WAS PRESENT ON THREE OF FOUR PROPERTIES. (MT PLEASANT, BINGARA, CONDAMINE)
- DORAMECTIN RESISTANT COOPERIA WAS PRESENT ON TWO OF FOUR PROPERTIES. (STRADBROKE AND MT PLEASANT)
- IVERMECTIN RESISTANT HAEMONCHUS (BARBER'S POLE WORM) WAS PRESENT AT BOTH SITES. (CONDAMINE AND MT PLEASANT)
- IVERMECTIN RESISTANT OSTERTAGIA, COOPERIA AND HAEMONCHUS WERE IDENTIFIED AT ONE SITE. (MT PLEASANT)
- MOXIDECTIN RESISTANT COOPERIA WAS IDENTIFIED IN URALLA.

NO RESISTANCE? NO WORRIES. NOW THERE'S NO NEED TO COMPROMISE.

Combination theory supports the use of a dual active drench with the highest efficacy at every timepoint to both treat and prevent resistance.^{7,8} Cydectin® Platinum means now there's no need to compromise convenience for performance.

**Arithmetic mean



NEW DMI-Sorb™

FORMULATION TECHNOLOGY

- REDUCED TENDENCY TO RUN OFF ANIMALS
- INCREASED DERMAL PENETRATION OF ACTIVES
- LESS VARIABLE ABSORPTION BETWEEN ANIMALS
- NON-IRRITANT – DOES NOT IRRITATE THE SKIN OR DAMAGE THE HIDE
- RAINFAST FROM 2 HOURS AFTER TREATMENT
- LOW ODOUR AND NON-FLAMMABLE

A NON-IRRITANT POUR-ON THAT STAYS ON

The patented DMI-Sorb™ Technology used in Cydectin® Platinum is the first veterinary use of its kind in Australia, but DMI is well known and widely used in the human cosmetics industry in products such as sunscreens, tanning products and shampoos.

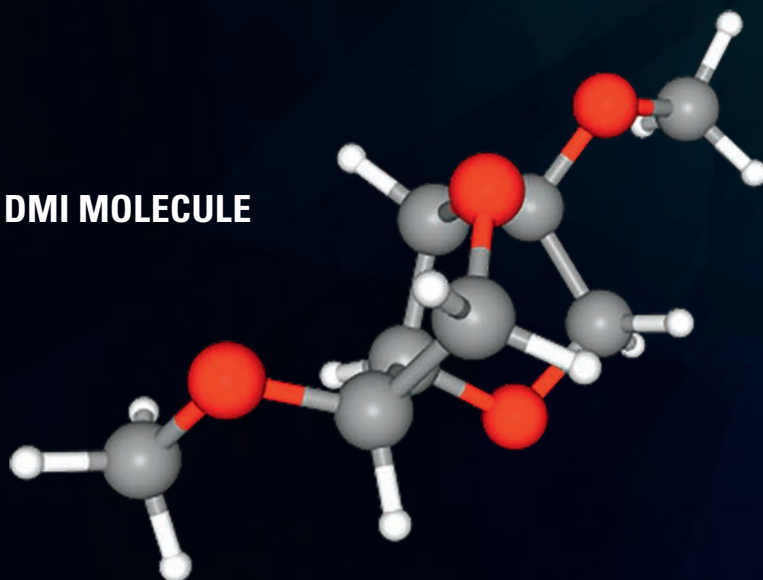
DMI-Sorb™ works by keeping the product concentrated to the areas where it was applied, with less run-off or spread, it enhances absorption of the actives into the body of the animal.

It reduces absorption variability between animals and provides enhanced stability of the two active ingredients. Cydectin® Platinum has 23% faster moxidectin absorption than Cydectin® Pour-On.⁹

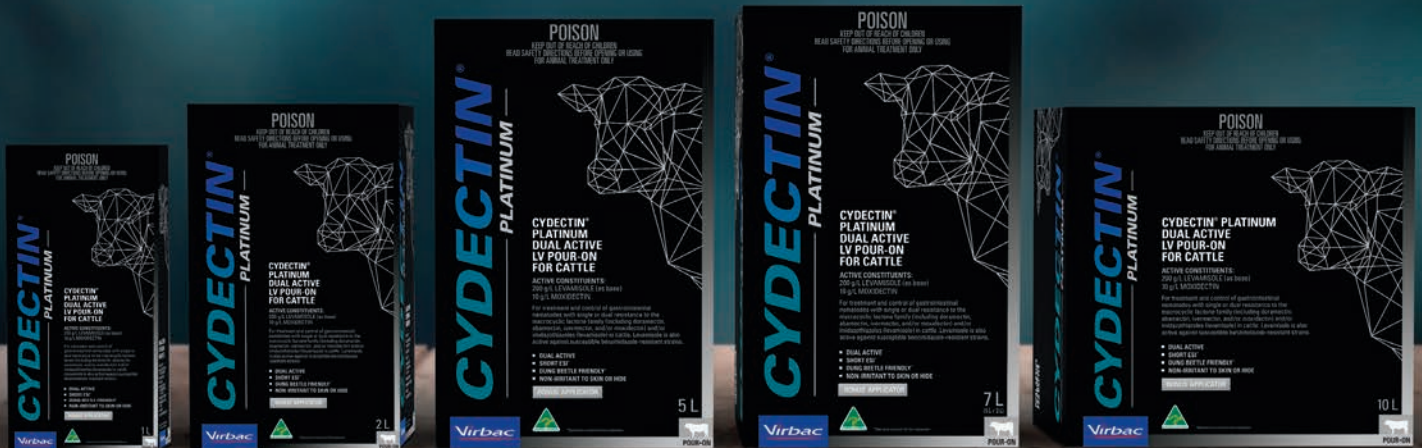
A polymer was also added to improve coat adhesion properties, rainfastness and viscosity of the Cydectin® Platinum formulation.

Cydectin® Platinum is non-irritant.¹ It does not cause irritation to the skin or damage the hide of cattle when used as directed.

DMI MOLECULE



**LOW
VOLUME**
SMALLER DOSES



PRACTICAL DESIGN CHOICES

LOW VOLUME AND CONVENIENT RANGE OF PACK SIZES

1 L, 2 L, 5 L and 10 L Low Volume presentations ensures convenience.

APPLICATOR & DRAW-OFF INCLUDED WITH EVERY PRESENTATION*

Ready to use when you are – each pack of Cydectin® Platinum includes a high quality 30 mL Dial-a-Dose Breaze Applicator and Draw-off by Simcro with 0.5 mL increments.

IMPORTANT – USE ONLY THE CYDECTIN® PLATINUM APPLICATOR

Cydectin® Platinum contains a polymer added for coat adhesion properties, rainfastness and viscosity.

The polymer is designed to thicken on contact with moisture and if the gun is cleaned with water it will lead to clogging.

For this reason, please use only the Cydectin® Platinum Applicator. Cydectin® Platinum is not compatible with other applicators. Do NOT clean with water, clean only with vegetable oil, empty and store.



*Gun & draw-off included with every presentation except 1 L. 1 L EZI-Pour graduated vial.

DOSAGE TABLE – ALWAYS READ THE LABEL

LOW VOLUME, MORE DOSES IN THE PACK*

A low volume formulation means you are giving smaller doses per animal, whilst still getting the same amount of active ingredient. The low volume allows easier and quicker application.

Low Volume pour-on 1 mL / 20 kg – this will administer the correct dose of 0.5 mg/kg of moxidectin and 10 mg/kg of levamisole.

Liveweight (kg)	Dose (mL)	Doses per 1 L	Doses per 2 L	Doses per 5 L	Doses per 10 L
50 - 100	0.5 mL/10 kg	200-400	400-800	1,000 - 2,000	2,000 - 4,000
101 - 125	6.5	153	307	769	1,538
126 - 150	7.5	133	266	666	1,333
151 - 175	9	111	222	555	1,111
176 - 200	10	100	200	500	1,000
201 - 250	12.5	80	160	400	800
251 - 300	15	66	133	333	666
301 - 350	17.5	57	114	285	571
351 - 400	20	50	100	250	500
401 - 450	22.5	44	88	222	444
451 - 500	25	40	80	200	400
501 - 550	27.5	36	72	181	363
551 - 600	30	33	66	166	333
601 - 650	32.5	30	61	153	307

STORAGE

Store below 25°C (air conditioning).
Protect from light, such as in the original box.

CONCURRENT USE

Safe for concurrent use with vaccines (such as Websters 5 in 1 B12 or Websters 7 in 1) and mineral supplements (such as Multimin).

* Compared to Cydectin® Pour On

TRUSTED SOLUTIONS FROM VIRBAC

Trusted animal health solutions from Virbac can optimise the health, fertility and performance of your heifers and cows by providing premium protection against disease and parasites.



MULTIMIN[®]

Multimin for Cattle provides a rapidly-absorbed 'top up' of essential trace minerals to help boost fertility and immune function.



Websters 7 in 1 vaccine protects cattle against clostridial diseases and leptospirosis.



Websters 5 in 1 B12 protects weaners against clostridial disease and provides a top up of Vitamin B12.



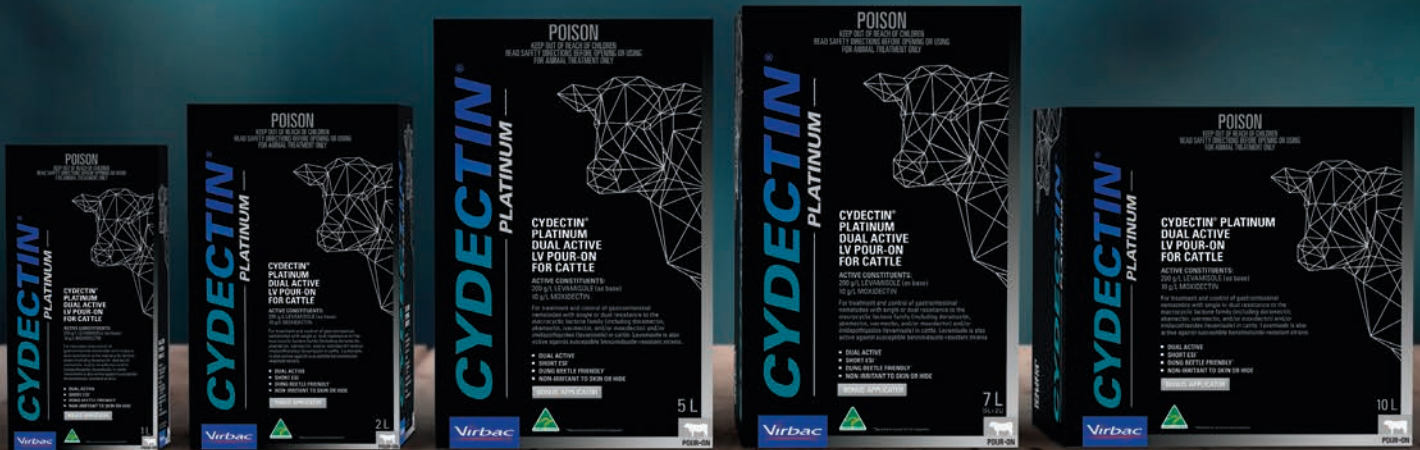
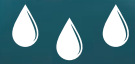
Cydectin[®] parasiticides provide long-lasting protection against internal and external parasites.

Refer to the registered labels for indications and directions.

REFERENCES

1 Refer to registered label 2 VAMB3151 Registration Trial (Virbac Data on File) 3 FVBAB17110 and VBABF18022 Registration Trials (Virbac Data on File) 4 Canton et., al. (2019) Impact on beef cattle productivity of infection with anthelmintic-resistant nematodes. 5 Fazio et., al. (2014) The Effect of Anthelmintic Resistance on the Productivity in Feedlot Cattle. 6 VBAB17111, FVBAB17110, FVBAB17112, VBAF18022 and VBABF18023 Registration Trials (Virbac Data on File) 7 Kaplan RM (2020) Biology, Epidemiology, Diagnosis, and Management of Anthelmintic Resistance in Gastrointestinal Nematodes of Livestock, Veterinary Clinics of North America Food Practice, Vol 36, Issue 1 17-30 8 The management of anthelmintic resistance in grazing ruminants in Australasia – strategies and experiences. Veterinary Parasitology, 204(1):44-54. 9 VAMB3198 Dose confirmation study - Group mean plasma moxidectin concentrations over time (mg/L) and Group mean key pharmacokinetic parameters (moxidectin ng/mL). *Registered trademarks

**LOW
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SMALLER DOSES



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Virbac Customer Service: 1800 242 100
au.virbac.com/platinum

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of animal health

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