

Flukazole[®]C

plus Selenium

Flukazole C plus Selenium Combination Fluke and Roundworm Drench for Cattle

Liver fluke (*Fasciola hepatica*) is an internal parasite of cattle, sheep and other animals, including humans. It can cause severe production losses and even livestock deaths. Damage is caused initially by the young stages of the fluke migrating from the gut and through the liver.

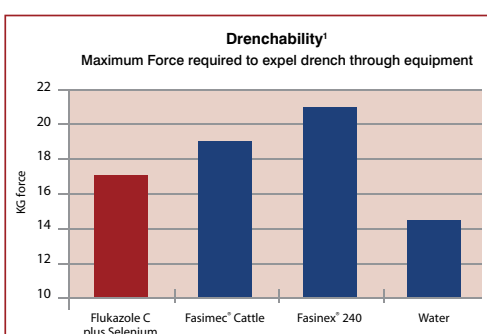
WHAT IS FLUKAZOLE C PLUS SELENIUM?

- **Effective control of liver fluke from 2 week old to adult stages.**
- **Patented formulation of triclabendazole and oxfendazole, which results in a synergistic action, where the effect is greater than the sum of the individual actives.**
- **Liquid oral drench with free flowing formulation.**
- **Contains selenium – tops up selenium with no hassle or mixing.**
- **Oral drench to give control of benzimidazole sensitive roundworms, lungworms and tapeworm.**



WHY CHOOSE FLUKAZOLE C PLUS SELENIUM?

- ✓ **Two week old fluke control** - Flukazole C plus Selenium is the only⁺ product to carry an APVMA approval that specifies the control of damaging two week old liver fluke and all older stages through to adult.
- ✓ **Roundworms** - Controls all benzimidazole sensitive major mature and immature roundworms (including inhibited *Ostertagia*), lungworms and tapeworm.
- ✓ **Suitable for dairy cows** - Ideal dry-off treatment for dairy cattle (21 day pre-calving interval).
- ✓ **Aids in controlling selenium deficiency** - which is common in the higher rainfall areas where liver fluke are prevalent.
- ✓ **New improved formulation** - flows through drenching equipment easily even at low temperatures.



WHEN SHOULD I USE FLUKAZOLE C PLUS SELENIUM?

The FlukeKill[™] programme, developed by Dr. Joe Boray offers sound economic control of not only liver fluke, but also roundworms, to maximise your profits. The critical timing for treating liver fluke is a curative treatment in autumn (April/May) and preventative treatment in spring (August/September). If there is a heavy infection, a third treatment is recommended for young cattle in mid-summer. The autumn treatment is necessary to control both the damaging immature stages and adult liver flukes. The dry off treatment is critical in dairy operations. Flukazole C plus Selenium cannot be used in lactating dairy cows, but should be used routinely at dry-off.

Flukazole C plus Selenium is the treatment of choice for autumn fluke drenching due to its high efficacy against all stages of liver fluke including fluke as young as 2 weeks.

Flukazole C plus Selenium is ideal for rotation with a fluke adulticide treatment such as Virbamec[®] Plus. Virbamec Plus is ideal for use in the spring and can be used in lactating dairy cattle.

¹For more information refer to FlukeKill programme.

⁺As at August 2007.

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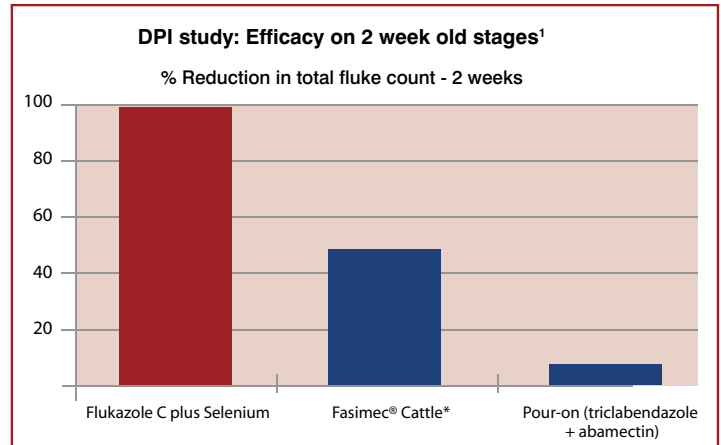
WHY IS IT IMPORTANT TO CONTROL IMMATURE LIVER FLUKE AS EARLY AS TWO WEEKS?

Removal of liver fluke at the earliest possible stage reduces the damage sustained to the liver. Studies have shown that the earlier fluke can be removed the greater the productivity response (growth rates).

Studies¹ undertaken by NSW DPI showed that Flukazole C plus Selenium:

- Removed virtually all fluke aged 2 and 4 weeks (99% + efficacy)
- There was no visual damage to the livers of cattle treated with Flukazole C plus Selenium.

¹ Virbac data on file.



QUICK REFERENCE GUIDE

DOSAGE AND ADMINISTRATION:

Bodyweight (kg)	Dose Volume (mL)	Number of animals treated per pack		
		1L	5L	15L
Cattle				
Up to 100	10	100	500	1500
101 - 150	15	66	333	1000
151 - 200	20	50	250	750
201 - 250	25	40	200	600
251 - 300	30	33	166	500
301 - 400	40	25	125	375
401 - 500	50	20	100	300
501 - 600	60	17	83	250
601 - 650	65	15	76	230

GENERAL INSTRUCTIONS

Cattle in excess of 650kg should be dosed at 5mL/50kg bodyweight. Dose rate to be based on the heaviest cattle in the mob. A representative sample of animals should be weighed before treatment with scales or with a weighband. Dose rate to be based on heaviest cattle in each group (bulls, cows, steers, calves etc.). Do not underdose. Where there is a large variation in size within the group, draft into two or more lines based on bodyweight to avoid excessive overdosing.

Shake well before use. Check accuracy of dosing equipment before and during use. Clean applicator by washing with clean water containing detergent followed by clean water.

CONTRAINDICATIONS

Administration when selenium is provided by other means eg. pasture top dressing, vaccine, boluses or pellets. Use the product only in areas of known selenium deficiency and seek veterinary advice to establish selenium deficiency before using the product.

PACK SIZE PRESENTATION:

- Liquid 1L, 5L, 15L.

COMPOSITION:

- Oxfendazole 45.3g/L, triclabendazole 120g/L, selenium (as sodium selenate) 1g/L.

STORAGE:

Store below 30° Celsius (Room temperature) in original container.

WITHHOLDING PERIOD:

- Meat: 21 days.
 - Milk: Do not use in animals, which are producing milk or milk products for human consumption. Do not use less than 21 days before calving in cows where milk and milk products from treated animals may be used for human consumption.
- ESI: 56 days.

PRECAUTIONS:

Vaccinate animals against black disease in areas where it is known to occur.

SAFETY DIRECTIONS:

Harmful if absorbed by skin contact or swallowed. Avoid contact with skin. Wash hands after use. When using product wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. After each day's use, wash gloves and contaminated clothing.

APVMA NUMBER:

- 56706

* Fasimec is a registered trademark of Novartis Australasia Pty Ltd.