



STARTECT®

BROAD SPECTRUM ORAL COMBINATION DRENCH FOR SHEEP

STARTECT contains derquantele and abamectin in combination. Derquantele is the first member of the novel family of anthelmintics, the Spiroindoles (SIs), and has a completely unique mode of action compared to all other anthelmintics. Formulating derquantele in a combination has the potential to extend the life of this new active by slowing the development of resistance. Abamectin is a member of the macrocyclic lactone family.

EFFICACY

STARTECT has a broad spectrum of activity against susceptible and resistant nematodes (roundworms), lungworm, nasal bots and itch mites.

STARTECT is effective against adult and immature (L4) stages of sensitive strains of the following internal parasites, including those resistant to levamisole, benzimidazole, macrocyclic lactone and closantel drenches (and combinations of these):

Barber's pole worm *Haemonchus contortus**; Large stomach worm *H. placei**; Stomach hair worm *Trichostrongylus axei*; Small brown stomach worm *Teladorsagia (Ostertagia) circumcincta**, *T. trifurcata**; Black scour worm *Trichostrongylus colubriformis*, *T. vitrinus*; Small intestinal worm *Cooperia curticei**, *C. oncophora**, *C. surnabada**; Thin-necked intestinal worm *Nematodirus spathiger*, *N. filicollis*!; Intestinal threadworm *Strongyloides papillosus*!; *Strongyloides* spp; Large bowel worm *Oesophagostomum columbianum*!, *O. venulosum*!; Large mouthed bowel worm *Chabertia ovina*! ; Whipworm *Trichuris ovis*!; Lungworm *Dictyocaulus filaria*, *Protostrongylus rufescens*!, *Muellerius capillaris*.

**Including inhibited stages ! Adults only
Nasal bot (Oestrus ovis) Itch mite (Psorergates ovis)*

There are no reported or known field cases of anthelmintic resistance to STARTECT. Resistance may develop to any chemical and has been reported for the macrocyclic lactones, benzimidazoles, levamisole, morantel and closantel. Ask your local veterinary practitioner or animal health adviser for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a drench resistance test be conducted before any drench is used. A correct drenching technique should be used to assist in anthelmintic resistance prevention.

DIRECTIONS FOR USE

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

STARTECT recommended dose is 1 mL / 5 kg.

STARTECT is well tolerated at doses up to 3X the recommended label dose; doses greater than 3X have been associated with toxicity. Though some sheep may cough following treatment, this passing response is of no consequence. Studies have shown that when STARTECT is used at up to 3X the recommended label dose there are no adverse effects in breeding rams or ewes, and no effect on their offspring. Extremely toxic to horses. Do not use in other species. Shake container before use.

STARTECT BROAD SPECTRUM ORAL COMBINATION DRENCH FOR SHEEP

10 mg/mL DERQUANTELE
1 mg/mL ABAMECTIN

CAUTION

KEEP OUT OF REACH OF CHILDREN.
READ SAFETY DIRECTIONS BEFORE
OPENING OR USING.
FOR ANIMAL TREATMENT ONLY.
ECOTOXIC.

For the treatment and control of a broad range of susceptible adult and immature (L4) gastrointestinal nematodes of sheep, including those resistant to macrocyclic lactones (mL), levamisole/morantel (clear), benzimidazoles (white) and closantel based drenches, and combinations of these. For the treatment and control of lungworm, nasal bot and itch mite.

5L / 15L



DOSE RATE – 1mL/5kg BODYWEIGHT. DOSE BY MOUTH.

BODYWEIGHT - kg	DOSE - mL	5L PACK TREATS	15L DRUM TREATS
10	2	2500	7500
11-15	3	1666	5000
16-20	4	1250	3750
21-25	5	1000	3000
26-30	6	833	2500
31-35	7	714	2142
36-40	8	625	1875
41-45	9	555	1666
46-50	10	500	1500
51-55	11	454	1363
56-60	12	416	1250
61-65	13	384	1153
66-70	14	357	1071
71-75	15	333	1000

Animals in excess of 75 kg to be dosed at 1mL/5 kg. A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by liveweight in each group (ewes, wethers, rams, lambs). Do not underdose.

Be sure to accurately weigh and dose very young lambs of less than 15 kg. Where there is a large variation in size within the group, dose rate should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate to avoid excessive overdosing. Use a drench gun with silicone sealed 'O' rings.

WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the NZ (Maximum Residues of Agricultural Compounds) Food Standard.

MEAT: 14 days.
MILK: 35 days.

OPERATOR WARNING

STARTECT may be harmful if swallowed by humans, inhaled or absorbed through the skin. Abamectin possibly may affect development and/or reproduction. Avoid ingestion, inhalation and skin contact. Wash hands after use.

ENVIRONMENTAL SAFETY

The abamectin in STARTECT is toxic to aquatic organisms and terrestrial invertebrates, and is harmful to the soil environment.

FIRST AID

If swallowed, do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. For advice, contact the National Poisons Centre (0800 POISON or 0800 764 766) or a doctor, immediately. Additional information is in the Material Safety Data Sheet.

DISPOSAL

Preferably dispose of product by use, otherwise dispose of product and packaging at an approved landfill, or other approved facility. Avoid contamination of any water supply with product or empty container.

SPILLAGE

Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely.

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10 mg/mL DERQUANTEL
1 mg/mL ABAMECTIN

STARTECT is available in 5 L and 15 L multi-dose containers.

Store below 30°C (Room Temperature). Protect from direct sunlight. Contents should be used within 9 months after the first dose is removed.

Registered pursuant to the ACVM Act 1997, A10353. See www.nzfsa.govt.nz/acvm/ for registration conditions. Approved pursuant to the HSNO Act 1996, Approval No. HSR100110. See www.ermanz.govt.nz for approval conditions.

Made in New Zealand
Pfizer New Zealand Limited
14 Normanby Road, Mt Eden,
Auckland

**NZ Technical Services -
Toll Free 0800 650 277**

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Pfizer Animal Health