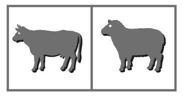
Sudox

FOR ANIMAL USE ONLY

For cattle and sheep
Reg. No. G4096 (Act 36/1947)



Antiparasitic remedy against roundworms and liver fluke in cattle and sheep with a persistent effect against wireworm, hookworm and nodular worm. Effective against *Parafilaria*, sucking lice, biting lice, mange mite, sand tampan, cattle screw-worm and blue tick in cattle and scab mite, itch mite and nasal bot in sheep.

CAUTION
Store below 25° C.
Protect from sunlight.

Composition:
Ivermectin 0,5 % m/v
Closantel 12,5 % m/v

Warnings:
Do not treat lactating cows or sheep producing milk for human consumption.
Do not slaughter cattle or sheep for human consumption within 35 days of treatment.
Do not inject intramuscularly or intravenously.
Cattle and sheep should be vaccinated against clostridial diseases (e.g. black quarter and pulpy kidney) before treatment with any injectable anthelmintic.
Keep out of reach of children and uninformed persons.
Although this remedy has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.

Precautions:
Use sterile injection equipment and a sterile needle for each animal. Wash hands thoroughly after use. Dispose of empty container safely by perforation. Store bottle in the outer container to protect from light.

Directions for Use:
Use only as directed.
Administer by subcutaneous injection only.
Use a 2,0 cm 16 gauge needle for convenience.
Once opened, discard after 28 days.

Dose volume for cattle and sheep: 1 ml per 25 kg live mass equivalent to a dose rate of 200 µg ivermectin plus 5 mg closantel per kg live mass.

Dosage recommendations:

Cattle		Sheep and Goats	
Body mass (kg)	Dosage (mℓ)	Body mass (kg)	Dosage (mℓ)
Up to 100 kg	4	Up to 20 kg	0,8
150	6	25	1,0
200	8	30	1,2
250	10	35	1,4
300	12	40	1,6
350	14	45	1,8
400	16	50	2,0

Efficacy:
Efficacy against liver fluke (*Fasciola hepatica*):

	Age of fluke		
	4 weeks	6 weeks	Adult
Sheep	-	**	*
Cattle	**	**	*

Efficacy against giant liver fluke (*Fasciola gigantica*):

	6 weeks	8 weeks	Adult
Sheep	-	**	*
Cattle	-	**	*

Efficacy against nematodes in sheep:

Parasite	Immature	Adult	Persistency
Wireworm (*Haemonchus*)	*	*	21 days
Brown stomachworm (*Teladorsagia*)	*	*	
Bankruptworm (*Trichostrongylus*)	*	*	
Hookworm (*Gaigeria*)	*	*	14 days
Nodular worm (*Oesophagostomum*)	*	*	
Large-mouthed bowel worm (*Chabertia*)	*	*	
Lungworm (*Dictyocaulus*)	*	*	
Long-necked bankruptworm (*Nematodirus*)	**		

Efficacy against nematodes in cattle:

Parasite	Immature	Adult	Persistency
Wireworm (*Haemonchus*)	*	*	42 days
Brown stomachworm (*Ostertagia*)	*	*	21 days
Cattle bankruptworm (*Cooperia*)	*	*	14 days
Hookworm (*Bunostomum*)	*	*	21 days
Nodular worm (*Oesophagostomum*)	*	*	21 days
Lungworm (*Dictyocaulus*)	*	*	21 days
Eyeworm (*Thelazia*)		*	
False bruising (*Parafilaria*)		**	

* Controls: >90 % effective.
** Aids in the control: 60 – 89 % effective

External parasites:
Sheep: Kills scab mite. Administer two treatments 7 days apart to eliminate all scab mite. Controls itch mite. Highly effective against all stages of nasalworm.

Cattle: Kills sucking lice, biting lice and mange mite. Controls sand tampan for up to 3 days after treatment. Kills cattle screw-worm present at the time of treatment and protects against a new strike for 2 weeks after treatment. Controls blue tick (*Rhipicephalus (B) decoloratus* and *R. (B) microplus*) provided animals are treated every 21 days during the tick season.

Registration holder:
Norbrook Laboratories SA (Pty) Ltd
PO Box 10698, Centurion, 0046, South Africa

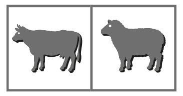
Marketed and distributed by:
Bayer (Pty) Ltd
Animal Health Division
27 Wrench Road, Isando, 1609, South Africa
Tel: (011) 921 5736

Bayer

Sudox

SLEGS VIR DIEREGEBRUIK

Vir beeste en skape
Reg. Nr. G4096 (Wet 36/1947)



Antiparasitiese middel teen rondewurms en lewerslakwurms in beeste en skape met 'n nawerking teen haarwurm, haakwurm en knoppieswurm. Doeltreffend teen *Parafilaria*, suigende luise, bytende luise, skurftemyte, sandtampan, spykerwurm en bloubosluise by beeste asook brandsiektemyt, jeukmyt en neuswurm by skape.

VERSIGTIG
Berg by minder as 25° C.
Beskerm teen sonlig.

Samestelling:
Ivermektien 0,5 % m/v
Klosantel 12,5 % m/v

Waarskuwings:
Moet nie lakterende koeie of skape waarvan die melk vir menslike verbruik bedoel is, behandel nie.
Moet nie beeste of skape vir menslike verbruik slag binne 35 dae na behandeling nie.
Moet nie binnespiers of binne-aars inspuit nie.
Beeste en skape moet teen klostridiale siektes (bv sponssiekte en bloednier) ingeënt word voor behandeling met enige inspuitbare wurmmiddel.
Hou buite bereik van kinders en oningeligte persone.
Alhoewel hierdie middel breedvoerig onder ´n wye verskeidenheid van toestande getoets is, mag dit faal as gevolg van verskeie redes. Indien dit vermoed word, raadpleeg ´n veearts en verwittig die registrasiehouer.

Voorsorgmaatreëls:
Gebruik steriele inspuitingstoerusting en ´n steriele naald vir elke dier. Was hande deeglik na gebruik. Vernietig leë houer veilig deur perforasie. Hou bottel in die houer om blootstelling aan lig te voorkom.

Gebruiksaanwysings:
Gebruik slegs soos aangedui.
Dien slegs onderhuids toe.
Gebruik verkieslik `n 2,0 cm 16 maat naald.
Vernietig 28 dae na eerste gebruik.

Dosis volume vir beeste en skape: 1 mℓ per 25 kg lewende massa ekwivalent aan 200 µg ivermektien plus 5 mg klosantel per kg lewende massa.

Dosisaanbevelings:

Beeste		Skape	
Liggaamsmassa (kg)	Dosis (mℓ)	Liggaamsmassa (kg)	Dosis (mℓ)
Tot 100 kg	4	Tot 20 kg	0,8
150	6	25	1,0
200	8	30	1,2
250	10	35	1,4
300	12	40	1,6
350	14	45	1,8
400	16	50	2,0

Doeltreffendheid:
Doeltreffendheid teen lewerslak (*Fasciola hepatica*):

	Ouderdom van slakke		
	4 weke	6 weke	Volwasse
Skape	-	**	*
Beeste	**	**	*

Doeltreffendheid teen reuse lewerslak (*Fasciola gigantica*):

	6 weke	8 weke	Volwasse
Skape	-	**	*
Beeste	-	**	*

Doeltreffendheid teen nematode in skape:

Parasiet	Onvolwasse	Volwasse	Nawerking
Haarwurm (*Haemonchus*)	*	*	21 dae
Bruinmaagwurm (*Teladorsagia*)	*	*	
Bankrotwurm (*Trichostrongylus*)	*	*	
Haakwurm (*Gaigeria*)	*	*	14 dae
Knoppieswurm (*Oesophagostomum*)	*	*	
Grootbekwurm (*Chabertia*)	*	*	
Longwurm (*Dictyocaulus*)	*	*	
Langnekbankrotwurm (*Nematodirus*)	**		

Doeltreffendheid teen nematode in beeste:

Parasiet	Onvolwasse	Volwasse	Nawerking
Haarwurm (*Haemonchus*)	*	*	42 dae
Bruinmaagwurm (*Ostertagia*)	*	*	21 dae
Beesbankrotwurm (*Cooperia*)	*	*	14 dae
Haakwurm (*Bunostomum*)	*	*	21 dae
Knoppieswurm (*Oesophagostomum*)	*	*	21 dae
Longwurm (*Dictyocaulus*)	*	*	21 dae
Oogwurm (*Thelazia*)		*	
Vals kneusing (*Parafilaria*)		**	

* Beheer: >90 % doeltreffend.
** Hulpmiddel in die beheer van: 60 – 89 % doeltreffend.

Ektoparasiete:
Skape: Dood brandsiektemyte: Behandel twee keer met 7 dae tussenpose om al die myte te elimineer. Beheer jeukmyt. Hoogs doeltrefend teen alle stadia van neuswurm.

Beeste: Dood suigende luise, bytende luise en skurftemyte. Beheer sandtampans vir tot 3 dae na behandeling. Dood spykerwurm teenwoordig tydens behandeling en voorkom `n nuwe besmetting vir 2 weke na behandeling. Beheer bloubosluise (*Rhipicephalus (B) decoloratus* en *R. (B) microplus*) indien diere elke 21 dae behandel word tydens die bosluisseisoen.

Registrasiehouer:
Norbrook Laboratories SA (Edms) Bpk
Posbus 10698, Centurion, 0046 Suid-Afrika

Bemark en versprei deur:
Bayer (Edms) Bpk
Dieregesondheidsafdeling
Wrenchweg 27, Isando, 1609, Suid-Afrika
Tel: (011) 921 5736

Bayer

00000I01