



SPECIFICATION SHEET

WSD ABAMECTIN PLUS SELENIUM

Product Description

WSD ABAMECTIN PLUS SELENIUM is a broad spectrum treatment for internal parasites of sheep and lambs and a supplementary source of selenium.

Type of Preparation

WSD ABAMECTIN PLUS SELENIUM is a solution for oral use as a drench containing 0.8g/L **Abamectin**- a potent macrocyclic lactone (ML)- and an inorganic selenium salt equivalent to 0.4g/L selenium.

Indications

Sheep and lambs: Mature and immature gastrointestinal roundworms and external parasites:

Sheep and lambs: Abamectin is effective against mature and immature gastrointestinal roundworms and external parasites: Barber's pole worm (*Haemonchus contortus*) including inhibited L4 stage, small brown stomach worm (*Ostertagia circumcincta*) including inhibited L4 stage, Stomach hair worm (*Trichostrongylus axei*), black scour worm (*Trichostrongylus spp.*), small intestinal worm (*Cooperia spp.*), thin necked intestinal worm (*Nematodirus spp.*), intestinal threadworm (*Strongyloides sp.*), large bowel and nodule worms (*Oesophagostomum spp.*), large-mouthed bowel worm (*Chabertia ovina*), whipworm (*Trichuris ovis*) and large lungworm (*Dictyocaulus filaria*).

Abamectin is also effective against nasal bot (*Oestrus ovis*) and itch mite (*Psorergates ovis*).

WSD ABAMECTIN PLUS SELENIUM provides short-term requirements of selenium to sheep or lambs in areas where selenium deficiency is known to occur.

Milking sheep: Do NOT use in sheep producing milk for human consumption

Dosage

Always refer to the label. Separate into different weight classes if there is a large variation in age and weight. Dose at the rate of 1ml per 4kg body weight.

Advice on use

- Abamectin is a broad-spectrum treatment which is highly effective against mature and immature worm parasites on most Australian farms including against strains of *Ostertagia* resistant to ivermectin.
- The use of **WSD ABAMECTIN** or **WSD ABAMECTIN PLUS SELENIUM** is particularly indicated in strategic programs to reduce contamination of pastures when the uptake of worm larvae is low.
- Consider using other WSD drenches, particularly **WSD COMBINATION**, if the objective is to treat a worm infestation on pastures known to be moderately or heavily contaminated with worm larvae.
- Abamectin is NOT effective against tapeworms.
- The use of sodium selenate in an oral drench may provide an animal's requirements for up to 4 weeks after administration. In circumstances where severe selenium deficiency occurs, additional sources of selenium may be required.
- If selenium levels in soils and pastures are known to be adequate or especially if above normal levels, **WSD ABAMECTIN** without selenium should be used.
- The repeated use of any ML drench is likely to result in the emergence of resistance in worm parasites and therefore, regular testing for efficacy is recommended.

Withholding periods

Meat withholding: 14 days

Export slaughter interval: 28 days

Milk withholding: Not for use in dairy breeds of sheep

Wool withholding: Nil

Shelf Life

12 months from the date of manufacture

Sizes Available

1 litre Twin-Neck, 5 litre Backpack

or Quad, 20 litre Drum



WSD ABAMECTIN PLUS SELENIUM

ANTIPARASITIC SOLUTION FOR SHEEP AND LAMBS: Contains Abamectin, a member of the Avermectin family of drenches and also contains selenium which is an aid in control and treatment of selenium deficiency in sheep and lambs. It is effective against Abamectin sensitive strains of the following adult and immature internal parasites of sheep:

Adult and immature gastrointestinal roundworms:

Haemonchus contortus - Barber's pole worm (including inhibited L4 stage)

Haemonchus placei - Large stomach worm

Ostertagia circumcincta -

Small brown stomach worm (including inhibited L4 stage)

Trichostrongylus axei - Stomach hair worm

Trichostrongylus colubriformis, *Trichostrongylus vitrinus* - Black scour worm

Cooperia curticei, *Cooperia oncophora* - Small intestinal worm

Nematodirus spathiger, *Nematodirus filicollis* - Thin necked intestinal worm

Chabertia ovina - Large mouthed bowel worm

Oesophagostomum columbianum - Nodule worm

Oesophagostomum venulosum - Large bowel worm

Trichuris ovis - Whipworm

Strongyloides papillosus - Intestinal threadworm.

Lungworm

Dictyocaulus filaria - Large lungworm

Oestrus ovis - Nasal Bot

Psorergates ovis - Itch mite.

Resistance may develop to any drench. Ask your local veterinary practitioner or animal health adviser for recommended parasite management practices for your local area to reduce development of resistance. It is advisable that a drench resistance test be conducted before any drench is used.

DIRECTIONS FOR USE

RESTRICTIONS: Do not use in dairy breeds of sheep.

CONTRAINDICATIONS: This product should not be used when selenium intake from pasture is high or selenium is provided by other means (such as pasture top dressing, vaccine, pellets or selenium drenches) if blood levels at treatment exceed 2000µmol/L. Users can determine selenium status by consulting their veterinarian.

PRECAUTIONS: Selenium can have toxic effects, particularly in sheep with liver damage that graze in areas where plants that contain pyrrolizidine alkaloids are prevalent.

DOSEAGE AND ADMINISTRATION: **WSD ABAMECTIN PLUS SELENIUM ANTIPARASITIC SOLUTION FOR SHEEP AND LAMBS** dose rate is 1ml/4 kg body weight.

DOSE RATE TABLE:

Bodyweight	Dose Volume	20L Treats	20L Treats	5L Treats	1L Treats
11-15kg	4.0mL	6550	5000	1250	250
17-20kg	5.0mL	5000	4000	1000	200
21-30kg	7.5mL	3325	2666	666	133
31-40kg	10.0mL	2500	2000	500	100
41-50kg	12.5mL	2000	1600	400	80
51-60kg	15.0mL	1650	1333	333	66
61-70kg	17.5mL	1425	1142	285	57
71-80kg	20.0mL	1250	1000	250	50

Animals in excess of 80 kg to be dosed at 1ml per 4kg. A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by liveweight in each group (ewe, wether, ram, lamb). Do not underdose. 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.

WITHHOLDING PERIODS:

MEAT: DO NOT USE less than 14 days before slaughter for human consumption.

MILK: DO NOT USE in dairy breeds of sheep.

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT SLAUGHTER for export for 28 days after treatment.

SAFETY DIRECTIONS:

Poisonous if absorbed by skin contact or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and using the product, wear rubber gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131126. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

ENVIRONMENT SAFETY:

Protection of Wildlife, Fish, Crustaceans and the Environment.

Abamectin is extremely toxic to aquatic species. Do not contaminate streams, rivers and waterways with the product or used containers. Additional information is listed in the Material Safety Data Sheet, available 24 hours on www.westernstock.com.au.

WESTERN STOCK DISTRIBUTORS:

A.B.N. 58 009 372 525

Koopan Avenue, South Guildford WA 6055

Telephone: (08) 9271 5013 Facsimile: (08) 9479 1398

DISPOSAL:

Triple (or preferably) pressure rinse containers. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. In some States, wastes can only be buried at a licensed landfill. Empty containers and product should not be burnt.

STORAGE:

Store below 30°C (room temperature) in the closed, original container, in a dry, well-ventilated area, and protect from sunlight.

APVMA Approval No. 58265/20L/0507

Batch No:

Expiry: