

90.00 mm

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

Moxidectin, Praziquantel and Oxfendazole oral Paste

**MoxiRace™ 3 Ultra**

3 in 1 Combination Wormer & Boticide for Horses

One Syringe of 30 gms

**COMPOSITION :**

Each gram contains :

Moxidectin	8 mg
Praziquantel	50 mg
Oxfendazole	200 mg
Excipients	q.s.

**INDICATIONS:** MoxiRace 3 Ultra Equine Oral Paste is indicated for treatment and control of all sensitive strains of roundworms, tapeworms, bots and abamectin resistant *Parascaris equorum* in horses:

Roundworms (Ascarids) *Parascaris equorum* (mature and immature); Small Strongyles *Cyathostomum* spp, *Gyalocephalus* spp, *Cylicostephanus* spp, *Cylicocyclus* spp. (mature and immature) including benzimidazole resistant strains, adult and developing stages (DL), late encysted stages (DL), late encysted stages (LL3/LL4) and inhibited stages of small strongyles; Large Strongyles *Strongylus vulgaris* (mature and arterial larval stages), *Strongylus edentatus* (mature and tissue stages), *Strongylus equinus* (mature), *Triodontophorus* spp. (mature); Large Mouth Stomach Worms *Habronema* spp. Also skin lesions caused by the cutaneous larvae of *Habronema* and *Draschia* spp. (summer sores); Hairworms *Trichostrongylus axei* (mature); Intestinal Threadworms *Strongyloides westeri* (mature); Pinworms *Oxyuris equi* (adult and immature); Lungworms *Dictyoacaulus arnfieldi* (mature and immature); Tapeworms *Anoplocephala perfoliata* (mature and immature) (scolecex and segments); Bots *Gasterophilus* spp. (oral and gastric stages).

**DOSEAGE AND ADMINISTRATION:** The recommended dose to be used is Moxidectin 0.4mg, praziquantel 2.5mg and oxfendazole 10mg per kg body weight. Do not underdose For oral use only.

Body weight (kg)	Dose (g)
100	5
200	10
300	15
400	20
500	25
600	30

For horses weighing more than 600kg, dose at the rate of 1g/20kg.

**DIRECTIONS FOR USE:**

- It is intended for use only with the dispensing syringe designed for this product.
- Determine the Accurate weight of the horse.
- Set the correct dose rate by turning the plunger lock.
- Remove the cap from the end of the syringe.
- Horse's Mouth must be free of food.
- Insert the syringe nozzle into the side of the horse's mouth, in the gap between the front and back teeth. Advance the syringe as far as possible into the mouth, and deposit the paste onto the back of the tongue by pressing the plunger completely to give the measured dose. Immediately after administration, raise the horse's head & hold for a few seconds to ensure the full dose is swallowed.
- Replace the syringe cap.
- Repeat doses should be given every 6-8 weeks in young and all susceptible horses. When using good control measures to reduce reinfection, mature horses only require treatment 3-4 times a year.

**Administration:** Oral

**TARGET SPECIES:** Horses

**PHARMACODYNAMIC PROPERTIES :**

**Pharmacotherapeutic group:** antiparasitic product, endectocide

ATCvet code: QP54AB52, moxidectin combination

**PHARMACODYNAMICS:** Moxidectin is a parasiticide active against a wide range of internal and external parasites and is a second generation macrocyclic lactone of the milbemycin family. Moxidectin interacts with GABA receptors and chloride channels. The net effect is to open the chloride channels on the postsynaptic junction to allow the inflow of chloride ions and induce an irreversible resting state. This results in flaccid paralysis and eventual death of parasites exposed to the drug. Moxidectin is effective against benzimidazole resistant strains of cyathostomes.

**Praziquantel** is a parasiticide widely used in many species as an anthelmintic. Praziquantel is quickly absorbed via the tegument of the parasite and distributed. *In vitro* and *in vivo* important lesions of the tegument of the parasite are seen that provoke contraction and paralysis of the parasite. Praziquantel modifies the permeability of the parasitic membrane to calcium ions, which disrupts the metabolism of the parasite.

**Oxfendazole** is one of the benzimidazole group of compounds with anthelmintic activity. Benzimidazoles bind to nematode tubulin, a protein necessary for the formation and viability of microtubules, primarily in the absorptive intestinal cells of the nematode. This results in a complete absence of microtubules in the intestinal cells leading to a reduction in the absorption of nutrients, a reduction in glycogen and the effective starvation of the parasite. Structural differences between tubulin from mammalian and helminth sources results in the preferential toxicity of oxfendazole to the helminth and not to the host. Benzimidazoles have also been shown to inhibit the fumarate reductase system of helminths and impair energy production.

**PHARMACOKINETICS : Moxidectin** is absorbed orally and maximum blood concentration is achieved approximately 6 to 8 hours after administration. The drug is distributed throughout the body tissues but due to its lipophilicity it is selectively concentrated in the fat. The elimination half-life is 11 days. Moxidectin undergoes partial biotransformation by hydroxylation in the body and the only significant route of excretion is the faeces

**Praziquantel** is quickly and almost totally absorbed in the body, rapidly distributed to all organs, half life elimination is less than 1 hour in horses. Praziquantel is rapidly metabolised in the liver. Its principal metabolite is a related 4-hydroxycyclohexyl component.

**Oxfendazole** is slowly and incompletely absorbed after oral administration, with Cmax reached between 15 and 30 hours, followed by slow elimination. This slow rate of absorption and elimination means that the drug is in contact with the helminths for significantly long periods of time. Oxfendazole has four main metabolites fenbendazole, fenbendazole sulphone, p-hydroxy fenbendazole and fenbendazole amine. While oxfendazole and fenbendazole are anthelmintically active, the other metabolites have minimal or no anthelmintic activity.

**WARNING & PRECAUTION : Special warnings for each target species:**

During treatment with the product animals must have free and easy access to drinking water.

Too frequent and repeated use of anthelmintics from the same class, over an extended period of time should be avoided as it increases the risk of development of resistance and could ultimately result in ineffective therapy.

**Special Precautions For Use: Special precautions for use in animals:**

- Do not use the same syringe in more than one animal.
- **Special precautions to be taken by the person administering the veterinary medicinal product to animals:**
  - Wear gloves during application.
  - Wash the hands thoroughly after use.
  - Do not eat, drink or smoke while handling this product.
  - Assess bodyweight as accurately as possible before calculating the dosage.
  - In case of accidental eye contact, rinse immediately with plenty of water.
  - In case of accidental ingestion or eye irritation, seek medical advice and show the package leaflet or label to the physician.

**CONTRAINDICATIONS:** Hypersensitivity to any of the Ingredients.

Do not administer to animals other than those for which it is indicated.

Do not administer to young foals less than 6.5 months old.

**ADVERSE EFFECTS:** Ataxia, lethargy, Mouth pain, flaccid lower lip and swelling of the muzzle, hyper salivation and anorexia could be observed on rare occasions in young animals. These adverse effects are usually transient and disappear spontaneously in most cases.

**PREGNANCY AND LACTATION:** The veterinary medicinal product has been shown to be safe for use in pregnant and lactating mares. The administration of the product does not adversely affect the fertility of the mares.

**OVERDOSAGE:** Transient adverse reactions may occur at 3 times the recommended dose in adults. The symptoms are depression, inappetence, ataxia, flaccid lower lip in the 8 to 24 hours following treatment. Symptomatic treatment is not generally necessary and recovery is generally complete within 24 to 72 hours. There is no specific antidote.

**WITHDRAWAL PERIOD:** Meat & Offal : 63 days after the latest treatment Milk: Not allowed for use in Horses producing milk for human consumption.

**STORAGE:** Store below 25°C. Discard after 6 months from the date of the first use.

**PRESENTATION:** 30 g Syringe packed in a Primary Carton along with the Pack Insert.

**FOR VETERINARY USE.  
FOR ANIMAL TREATMENT ONLY.  
NOT FOR HUMAN USE.**

**KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.**  
Carefully read the accompanying instructions before use.

**Manufactured & Marketed by:**

**Veko Care Pvt. Ltd.**

Plot No. E - 48 & 49, MIDC, Ranjangaon,  
District - Pune, Maharashtra, INDIA. Pin Code : 412220.

**Customer care : care@vekocare.com**

**TM : Trade Mark of Veko Care**

**Veko®**

VPPIE282



180.00 mm

Front

Back

## Checklist (Export)

Check points	Artwork Dept.	RA Dept.	Marketing Dept.	Production Dept.	QC Dept.	QA Dept.
Brand Name		✓				
Generic Name		✓				
Composition (Strength)		✓				
Rx Symbol (If applicable)		NA				
Label claim		✓				
Licence No./ Neutral code		NA				
Registration No.		NA				
Dimension		✓				
Pack size		✓				
Text matter (English/ Other Language) / Design (Logo's- APMVA, WHO, Recycle, Veko and Company logo)		✓				
Specifications		✓				
Foil Layout / Mock up No.		NA				
Change Part No.		NA				
Storage Condition		✓				
Pack code/ Artwork code		✓				
No. of colours (Pantone No.)		✓				
Barcode		NA				
Trade mark / Registered		✓				
Unvarnished Area (for Batch details / Hologram sticker/ Unvarnished Area Colour (if applicable))		NA				
Eye mark / Unwinding Direction ( For Label and Foil)		NA				
Batch Details ( If Pre printed )		NA				