

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

Milbemycin Oxime and Praziquantel
Tablet (2.5 mg + 25 mg)

Milbe Plus-S[™] Yum-Tab!

Broad Spectrum Wormer for
Small Dogs & Puppies.

COMPOSITION:

Each uncoated tablet contains :
Milbemycin Oxime.....2.5 mg
Praziquantel USP.....25 mg
Excipients.....q.s.

CATEGORY: All Wormer Tablet

INDICATIONS:

- Treats and controls roundworm (*Toxocara canis*, *Toxascaris leonina*), whipworm (*Trichuris vulpis*), hookworm (*Ancylostoma caninum*, *Ancylostoma braziliense*) and tapeworm infections (*Dipylidium caninum*, *Taenia* spp., *Echinococcus granulosus*).
- Prevents heartworm (*Dirofilaria immitis*).
- Adult dogs should be treated every 3 months.
- Pregnant bitches should be treated at mating, then 10 days before whelping, then every three months.
- For whipworm, treat every six to eight weeks after three months of age.
- In hydatid tapeworm areas, dogs should be dosed every six weeks or on veterinary advice.

DOSAGE:

Milbe Plus Tablets are given orally, once a month, at the recommended minimum dosage of 0.5 mg/kg milbemycin oxime and 5 mg/kg praziquantel Or as directed by the Veterinarian.

ADMINISTRATION:

Oral.
Dogs should be weighed to ensure accurate dosing.
Depending on the body weight of the dog, the practical dosing is as follows:

Recommended Dosage Schedule		
Dog Body Weight (Kgs)	MILBE [™] PLUS- S Milbemycin Oxime and Praziquantel Tablet (2.5 mg + 25 mg) (For Small dogs & Puppies)	MILBE [™] PLUS- L Milbemycin Oxime and Praziquantel Tablet (12.5 mg + 125 mg) (For Dogs)
	Tablet Quantity	
0.5 – 1	1/2	-
> 1 – 5	1	-
> 5 – 10	2	-
> 5 – 25	-	1
> 25 – 50	-	2
> 50 – 75	-	3

- To ensure adequate absorption, always administer **Tablets** to dogs immediately after or in conjunction with a normal meal.
- Half tablets may be kept for use in the original blister for up to six months after the first half was used.
- When administering Milbe Tablets, be certain that the entire dose is consumed. Watch for several minutes following treatment to be sure that the entire dose has been eaten. If the entire dose is not eaten, redose as soon as possible, with the full dose.
- If worm problems persist, consult a veterinarian.

TARGET SPECIES:

Dogs & Puppies

Milbemycin Oxime and Praziquantel
Tablet (12.5 mg + 125 mg)

Milbe Plus-L[™] Yum-Tab!

Broad Spectrum Wormer for
Dogs

COMPOSITION:

Each uncoated tablet contains :
Milbemycin Oxime.....12.5 mg
Praziquantel USP.....125 mg
Excipients.....q.s.

PHARMACODYNAMIC PROPERTIES:

Pharmacotherapeutic group: Endectocides, Macrocytic lactones, milbemycin, combinations.
ATCVet code: QP54A651

PHARMACODYNAMICS:

Milbemycin oxime belongs to the group of macrocyclic lactones, isolated from the fermentation of *Streptomyces hygroscopicus* var. *aureolacrimosus*. It is active against mites, against larval and adult stages of nematodes as well as against larvae of *Dirofilaria immitis*. The activity of milbemycin is related to its action on invertebrate neurotransmission: Milbemycin oxime, like avermectins and other milbemycins, increases nematode and insect membrane permeability to chloride ions via glutamate-gated chloride ion channels (related to vertebrate GABA, and glycine receptors). This leads to hyperpolarisation of the neuromuscular membrane and flaccid paralysis and death of the parasite.

Praziquantel is an acylated pyrazino-isoquinoline derivative. Praziquantel is active against cestodes and trematodes. It modifies the permeability for calcium (influx of Ca²⁺) in the membranes of the parasite inducing an imbalance in the membrane structures, leading to membrane depolarisation and almost instantaneous contraction of the musculature (tetany), rapid vacuolization of the syncytial tegument and subsequent tegumental disintegration (blebbing), resulting in easier expulsion from the gastrointestinal tract or death of the parasite.

PHARMACOKINETICS:

After oral administration of praziquantel in the dog, after a small amount of food, peak serum levels of parent are rapidly attained (T_{max} approximately 0.25-2.5 hours) and decline quickly (t_{1/2} approximately 1 hour); there is a substantial hepatic first-pass effect, with very rapid and almost complete hepatic biotransformation, principally to monohydroxylated (also some di- and tri-hydroxylated) derivatives, which are mostly glucuronide and/or sulfate conjugated before excretion. Plasma binding is about 80%. Excretion is fast and complete (about 90% in 2 days); the principal route of elimination is renal.
After oral administration of milbemycin oxime in dogs, after a small amount of food, peak plasma levels occur at about 0.75-3.5 hours, and decline with a half-life of the unmetabolised milbemycin oxime of 1-4 days. Bioavailability is about 80%.

WARNING & PRECAUTION:

- Do not exceed the recommended dosage.
- Determine the bodyweight accurately before treatment to ensure correct dosage.
- In case of accidental ingestion, seek medical advice immediately and show the package leaflet or the label to the physician.

CONTRAINDICATIONS:

Do not use in dogs weighing less than 5 kgs.
Hypersensitivity to any of the Ingredients.

PREGNANCY AND LACTATION: The product may be used in breeding dogs including pregnant and lactating bitches.

DRUG INTERACTIONS:

No interactions were observed when the recommended dose of the macrocyclic lactone selamectin was administered during treatment with the combination of milbemycin oxime and praziquantel at the recommended dose.

ADVERSE EFFECTS:

On very rare occasions, systemic signs (such as lethargy), neurological signs (such as muscle tremors and ataxia) and/or gastrointestinal signs (such as emesis, diarrhoea, anorexia and drooling) have been observed in dogs after administration of the combination of milbemycin oxime and praziquantel.

OVERDOSAGE: No data available.

WITHDRAWAL PERIOD: Not Applicable

STORAGE: Store below 30°C in a dry place.

PRESENTATION: 1 Blister containing 4 Tablets is packed in a Carton along with the Pack Insert.

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

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

Veko

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

