# SP-Ben (Vet) Bolus

(Albendazole USP)

**Composition:**
Each Bolus contains-
Albendazole USP 600.00mg

**Description: SP-Ben (Vet) Bolus** is an ideal broad spectrum anthelmintic used for the treatment and control of immature & adult nematodes, lungworm, tapeworm and liver flukes in cattle, buffaloes, sheep, goats, horses, cats & dogs.

**Pharmacology/Mode of action:** Albendazole causes degenerative alterations in the intestinal cells of the worm by binding to the colchicine-sensitive site of β-tubulin, thus inhibiting its polymerization into microtubules. Albendazole leads to impaired uptake of glucose by the larval and adult stages of the susceptible parasites, and depletes their glycogen stores and finally death occurs due to lack of glucose.

**Uses/Indications:**
**In case of Cattle, Buffaloes, Sheep and Goats:**
**SP-Ben (Vet) Bolus** is effective against the following types of gastro-intestinal parasites.
Nematodes: Bunostomum, Chabertia, Cooperia, Haemonchus, Nematodirus, Oesophagostomum, Ostertagia, Strongyloides and Trichostrongylus spp.
Lung worm: Dictacaulus vivaparus
Tape worm: Moniezia expansa, Liver flukes & Paramphistomes.
In case of Horses: Round worms and pin worms
In case of Cats and Dogs: Round worms, Hook worms, Whip worms, Lung fluke, Tape worms, Lung Nematodes and Bladder worm.

**Dosages and administration:**
Dosage of **SP-Ben (Vet) Bolus** is established according to the body weight of the animal. **SP-Ben (Vet) Bolus** is for oral administration.

| Animals | Type of worms | Dose (mg/kg b.wt) |
|---|---|---|
| Cattle & Buffaloes | Roundworms, Tapeworms, Lungworms | 7.5 |
| | Liver Flukes | 10 |
| Sheep & Goats | Roundworms, Tapeworms, Lungworms | 5 |
| | Liver Flukes | 7.5 |
| Horses | Roundworms, Pinworms | 7.5 |
| | Lungworms | 25 (b.i.d.) for 5 days. |
| Dogs & Cats | Roundworms, Whipworms, Hookworms, Tapeworms, Lungworms, Bladder worms, Liver flukes | 15 |

Or as directed by the registered veterinarian.
Multiple dosing at 2-3 weeks interval enhances the flukicidal activity of **SP-Ben (Vet) Bolus** against flukes in Cattle, Buffaloes, Sheep and Goats.
Periodic deworming (once in 3-4 months) in all species of domestic and Zoo animals with **SP-Ben (Vet) Bolus** is advocated for successful anthelmintic effect.

**Contraindications:** Other types of anthemintic should not fed to animal with Albendazole or within few days.Moreover, it is contraindicated to hypersitivity to its any active ingredients of the preparation.

**Use in pregnancy & lactation:** Albendazole may be used first 45 days of pregnancy of cow. Do not administer to ewes or does during the first 30 days of pregnancy. Sufficient data on use during lactation is not available. Therefore breast feeding should be discontinued during and for a minimum of 5 days after treatment.

**Side Effects:** Albendazole is time tested and clinically proven well tolerated drug. Established wide safety margin than any other anthelmentic due to greater selective affinity for parasitic b-tubulin than for animal tissues. However, in some cases nausea and vomiting may occur.

**Precautions:** Before using Albendazole inform the registered Veterinarian that your animals are not allergic to it; or to other benzimidazole anthelmintic drugs (e.g. Mebendazole).

**Drug Interactions:** Cimetidine, Praziquantel and Dexamethasone have been reported to increase the plasma levels of Albendazole active metabolite.

**Overdose:** Overdose developed signs of weight loss, neutropenia, mental dullness and death also. If poisoning or excessive overdosage is suspected, it is recommended for vomiting be induction or gastric lavage and such symptomatic supportive therapy to be administered.

**Withdrawal period:** Meat: 8-14 Days & Milk: 3-5 Days.

**Storage Condition:** Keep all medicines out of reach of children. Store in a cool (below 30°C) and dry place, protected from light.

**Supply:** 5×4 Bolus/ Box.

**For veterinary use only**



*Manufactured by:*
**Super Power Pharmaceuticals Ltd.**
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