



Bio-Sponge™ Powder

Size

4 lbs
21 lbs

Available in **PLATINUM PAK™**



Bio-Sponge™ Paste

Size Servings

60cc 1 1-2
Case 12 12-24

Bio-Sponge™ Paste & Bio-Sponge™ Powder An Intestinal Adsorbent

Bio-Sponge™ is an intestinal protectant designed to help support healthy intestinal function. This formula has substantial capacity to adsorb toxins, viruses, bacteria and free radicals. A university study showed that Bio-Sponge adsorbed 99% of *clostridium difficile* and *clostridium perfringens* toxins *in vitro*. It is widely used to support healthy gastrointestinal function in foals. Now administration of this highly effective intestinal adsorbent is easy with the release of Bio-Sponge™ Paste in convenient individual dose syringes.

Recommendations for use

Healthy newborn foals: For best results, following an adequate intake of colostrum administer 30cc of Bio-Sponge™ Paste or 3 tablespoons (27.6g) of Bio-Sponge™ Powder mixed with 30cc of water 6 hours after the foal first nurses the mare. Administer twice daily for 6 days or as directed by your veterinarian.

Foals with intestinal disturbances*: For best results, following an adequate intake of colostrum administer 30-60cc of Bio-Sponge Paste or 3 tablespoons (27.6g) of Bio-Sponge Powder mixed with 30cc of water 2-4 times daily or as directed by your veterinarian. Discontinue use 1 day after intestinal disturbances resolve.

Adult horses with intestinal disturbances*: Administer 120cc of Bio-Sponge Paste or one 4 oz scoop (97.5g) of powder twice daily or as directed by your veterinarian. Amount can be increased in severe cases: administer up to 490g (approx 5 level scoops) powder mixed in 3 litres of water once every 6 to 12 hours until the diarrhoea resolves. Amount per dose can be reduced in less severe cases. Discontinue if there is no noticeable improvement after 7 days of use.

**Discontinue if there is no noticeable improvement after 7 days of use.*

Product Facts

Bio-Sponge™

Active ingredients per scoop (97.5 g)

Di-Tri-Octahedral Smectite	97,500 mg
----------------------------	-----------

Product Facts

Bio-Sponge™ Paste

Active ingredients per 60cc syringe (47 g)

Di-Tri-Octahedral Smectite	47,000 mg
----------------------------	-----------

1. Weese JS, Cote NM, deGannes RV. Evaluation of in vitro properties of di-tri-octahedral smectite on clostridial toxins and growth. *Equine Vet J.* 2003 Nov;35(7):638-41. PMID: 14649353
 2. Jones RL Clostridial enterocolitis. *Vet Clin North Am Equine Pract* 2000 Dec;16(3):471-85
 3. Traub-Dargatz JL, Gay CC, Evermann JF, Ward AC, Zeglen ME, Gallina AM, Salman MD. Epidemiologic survey of diarrhea in foals. *J Am Vet Med Assoc* 1988 Jun 1;192(11):1553-6.
 4. Dwyer RM. Rotaviral diarrhea. *Vet Clin North Am Equine Pract* 1993 Aug;9(2):311-9.
 5. Neelley K.A., Herthel D.J. Prevention and Treatment of Colitis Using DTO Smectite: A Preliminary Report. *IEVS.* 2000; 20(7):430-436.
 6. Moore JN, Barton MH. Update on endotoxaemia Part 2: treatment and the way ahead. *Equine Vet Educ* 1999; 11(1):30-34.
 7. Weese JS, Cote NM, deGannes RVG. Evaluation of the Ability of Di-Tri-octahedral Smectite to Adhere to Clostridium difficile Toxins and Clostridium perfringens Enterotoxin In Vitro. *AAEP Proc.* 2002; 48:127-130.
 8. Lawler J Boggs, Hassel DM, Traub-Dargatz JL, et al. Evaluation Of Di-Tri-Octahedral Smectite Neutralization Of Alpha, Beta And Beta-2 Toxins Of Clostridium Perfringens. *J Vet Intern Med* 2006; 20: 718-719 (abstract).
 9. Lawler J Boggs, Hassel DM, Traub-Dargatz JL, et al. Interaction Of Di-Tri-Octahedral Smectite With Equine Colostral Antibodies In Vitro. *J Vet Intern Med* 2006; 20: 798-799 (abstract).