

ECLIPSE[®] PM[™]

**VETERINARIAN
RECOMMENDED**



New Generation Supplement for Neurologic Health/Immune Support!

ACTIVE INGREDIENTS: per: 3 oz serving:

Magnesium5,000 mg	Pyridoxine (Vit. B6)100 mg
L-Lysine.....5,000 mg	Copper (Proteinat)75 mg
Choline.....5,000 mg	Bioperine (Black Pepper Extract)5 mg
Turmeric Root Powder2,500 mg	Selenium (Yeast)1 mg
Cinchona Bark Extract.....2,500 mg	Folic Acid.....5,000 mcg
Ester-C.....1,000 mg	Vitamin B121,000 mcg
Grape Seed Extract500 mg	d-Alpha Tocopheryl Succinate
Turmeric Extract	(Natural Vit. E)4,000 IU
(95% Curcuminoids).....250 mg	Probiotic Blend2 billion CFU
Niacinamide (Vit. B3)250 mg	(b. subtilis, l. acidophilus)
Zinc (Proteinat).....150 mg	Active Dry Yeast1.5 billion CFU
d-Pantothenic Acid (Vit. B5)125 mg	(saccharomyces cerevisiae)
Riboflavin (Vit. B2)100 mg	

DIRECTIONS FOR USE:

(Enclosed measure approximates 1.5 oz)

Adult Horses (900-1,100 lbs): Provide 1 measure (1.5 oz) **twice daily for 60 days.**

For lower maintenance level, provide 1 measure (1.5 oz) daily for 120 days or continue as needed.

E-CLIPSE' PM[™] Pellet

78500330 *6 lb (32 servings)\$106.50

78500334 *12 lb (64 servings)\$199.00

78500338 18 lb (96 servings)\$292.90

*Foil Bag

Costs approx. \$3.11/serving; Maintenance \$1.56/serving

ECLIPSE' PM[™] is recommended to be used in conjunction with FDA approved EPM drug treatments during and up to 120 days post treatment (or as needed).

IMMUNE FUNCTION SUPPORT

Vitamin E (Natural): Vitamin E is considered to be the most important antioxidant. Natural E is approx. 2.5 times more bioavailable than synthetic vitamin E (4,000 IUs natural vitamin E approximates 10,000 IUs of synthetic vitamin E). Natural E is recognized to be better absorbed and pass through blood brain barrier where the disease exists. Most researchers/universities advocate 7,500-10,000 IUs of vitamin E during/post therapy for immune support.

Cinchona Bark (Herbal Extract): Recognized by scientific research to produce natural alkaloid quinine and its impact/support role in the presence of protozoa (parasite type organisms).

NEUROLOGICAL SUPPORT

Choline: Key active ingredient that is a part of acetylcholine (neurotransmitter) that carries messages amongst neurons, allowing the brain to interact/communicate with normal neurological body functions. Aids in fat metabolism in the liver and provides for cleansing of filtered tissue toxins.

B Vitamins (B2, B3, B5, B6, B12): The group of B Vitamins make for support of numerous body functions and metabolism and have roles in healthy nerve impulses and/or neurological repair associated with neuropathy.

Turmeric (Herbal):

A potent antioxidant that helps fight oxidative stress, supports normal inflammatory response and overall health. **Eclipse' PM** utilizes both **Turmeric Extract** and **root powder** to provide higher levels of active curcuminoids. Bioperine (Black pepper extract) is added to enhance absorption/bioavailability of Turmeric.



MED VET PHARMACEUTICALS

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EPM in REVIEW...



Equine Protozoal Myeloencephalitis (EPM) is a serious neurological/muscle disease that can be difficult to diagnose because its signs often mimic other health problems in the horse and signs can range from mild to severe.

EPM is caused by protozoal organisms known as *Sarcocystis neurona* and *Neospora hughesi* that have the ability to infect a horse's central nervous system. It is estimated that 50-80% of horses in the United States may have been exposed to the organism that causes **EPM**. Given the high population of opossums in the Southwestern states (warmer climates) some veterinarians estimate there could be up to 90% exposure to **EPM**. **EPM** is spread by the definitive host (opossums). An opossum obtains the organism when ingesting the infected muscles from a carrier (intermediate hosts) such as cats, skunks, raccoons, armadillos, and sea otters. The infective stage of the organism (sporocysts) is passed in the opossum's feces. A horse comes in contact with the infective sporocysts while grazing or by ingesting contaminated feed or water and will not get infected from an intermediate host.



Signs of **EPM** can be slow or sudden but can cause serious damage and lasting neurological damage when left undetected or untreated. Lesions, inflammation and pressure may develop in the brain, brain stem or spinal cord.

Common Symptoms:

- **Muscle wasting/loss, usually along the topline or the hindquarters, flattening over croup area (in-coordination/poor balance, weakness)**
- **Paralysis of muscles of the eyes, face or mouth – drooping eyes, ears or lips (ataxia)**
- **Difficulty swallowing**
- **Splay-footed stance or resting on one hind leg or the others**
- **An infected horse may go without showing clinical signs for months, years or ever**

Diagnosis of EPM

Diagnosis is often done through ruling out other neurological diseases and performing a blood and/or cerebrospinal fluid analysis. Accurate diagnosis of **EPM** is challenging as there may be false positives and negatives. Early, accurate diagnosis is key and treatment should follow immediately after.

Recognized Treatment of EPM

Treatment typically involves one of the following **FDA-approved** medications on the market: **Marquis® (Bayer)**, **Protazil® (Inter-Vet/Merck)**, or **ReBalance® (PRN Pharmaceutical)** per your veterinarian's recommendation. The FDA also allows for compounding of some these actives to treat at a lesser cost (approx. \$250-\$300) compared to the costs pioneer products (approx. \$800-\$1000). Horses that recover can still encounter temporary or permanent deficits. It is estimated that up to 30% of horses treated may experience relapse, likely due to the lack of immune support during and post treatment.



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EQUINE

