

ElectrolyteWise™

**Oral electrolyte,
B vitamin, and
trace mineral
supplement
for horses.**



General Information

ElectrolyteWise delivers much more than just electrolytes. Its concentrated, low-sugar formula provides the electrolytes, trace minerals, and B vitamins commonly lost during periods of sweating. ElectrolyteWise aids in the maintenance of optimal hydration by stimulating the thirst response. The amount of ElectrolyteWise offered is easily adjusted to meet a horse's specific needs.

ElectrolyteWise provides a unique combination of critical ingredients:

- The electrolytes potassium, sodium, and chloride in the proper 1:2:4 ratio
- The minerals calcium, phosphorus, magnesium, copper, iron, and manganese that support and promote optimal muscle function, immune response, and energy conversion
- The water-soluble vitamins niacin (B3) and pantothenic acid (B5) that are the critical components of the enzymes that manage a wide array of key metabolic functions

Indications

Electrolyte replacement therapy.

A typical diet of hay and concentrates will normally provide enough electrolytes, vitamins, and trace minerals to meet a horse's basic requirements. When horses are exposed to situations that cause them to sweat, regardless of the ambient temperature, they can quickly exhaust the nutrients supplied in the diet.

Daily supplementation with ElectrolyteWise is recommended to support adequate amounts of electrolytes, vitamins, and trace minerals in horses that train or compete hard enough to sweat or those that live in

climates where sweating occurs daily. Supplement with 1 to 4 ounces of ElectrolyteWise daily for as long as sweating occurs. The amount fed each day may be adjusted based on the amount of sweat a horse is producing. (See feeding directions.)

Maintenance of adequate hydration.

Under certain circumstances, such as during cold weather or when competing or stressed, a horse may not consume enough water to meet his or her requirements, which leads to dangerous dehydration. Supplementation with 1/2 to 2 ounces per day of ElectrolyteWise will stimulate the thirst response and increase water intake. When feeding ElectrolyteWise it is important to supply an unlimited quantity of clean water. Do not supplement a horse that is unable to drink. Do not add ElectrolyteWise to the water; it is best offered mixed in with a regular meal or mixed with applesauce and given with an oral syringe.

Profuse sweating in stressful or traumatic situations.

When horses are exposed to an unusually stressful or traumatic situation, such as relocation, transport, working harder than usual (regardless of ambient temperature) or competing/training in a hot and humid environment, especially when they are unaccustomed to it, the risk of electrolyte depletion and dehydration is increased. It is imperative for the well-being of the horse that electrolytes be replaced quickly and in the proper ratios. Electrolytes and trace minerals in the correct concentrations are critical to the maintenance of adequate hydration levels and a wide range of bodily functions. Supplement with 1 to 4 ounces of ElectrolyteWise daily for as long as sweating occurs. The amount fed each day may be adjusted based on the amount of sweat a horse is producing.

Dosage and administration

FEEDING RECOMMENDATIONS

1 scoop = 1 ounce

Top dress ElectrolyteWise on the feed or mix with applesauce (or yogurt) and administer with an oral dosing syringe. It is not recommended that ElectrolyteWise be mixed in drinking water.

The amount of ElectrolyteWise given is based on the amount of work (or sweating) that occurs, as well as temperature and humidity levels. It is recommended to divide daily doses of 3 to 4 ounces into separate feedings of no more than 2 ounces each.

Level of work	Normal environment (oz/day)	Hot, humid environment (oz/day)
Rest	0	1
Light work	1	1-2
Moderate work	2	2-3
Heavy work	3	3-4

Guidelines for determining workload

Sweat Level:

Always take temperature and humidity levels into consideration when supplementing with an electrolyte. Horses will sweat more in hot, humid climates. When it is very dry or cold, sweat may evaporate quickly and be less noticeable.

Light Work:

Visible Sweat (up to 5 liters sweat loss)

Examples: dressage, western and English pleasure, trail horses, equitation

Moderate Work:

Dripping Sweat (5-10 liters sweat loss)

Examples: jumping horses, racehorses, barrel racing, cutting, roping

Heavy Work:

Dripping Sweat for Extended Periods (more than 10 liters sweat loss)

Examples: upper level three-day event, western performance horses, polo ponies

AVAILABLE SIZES

5-lb container (contains 80 scoops)

20-lb container (contains 320 scoops)

SAFETY

ElectrolyteWise is appropriate for horses of all ages as long as an unlimited quantity of clean water is made available. Do not supplement a horse that is unable to drink. Do not add ElectrolyteWise to the water.

Developed by:



PO Box 1013, Versailles, KY 40383
KPPvet.com
859-873-2974, 800-772-1988

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GUARANTEED ANALYSIS

	Per 1 oz	Concentration
Calcium (Min.)	170 mg	0.4%
Calcium (Max.)		0.8%
Phosphorus (Min.)	150 mg	0.53%
Salt (Minx)	16.2 g	57%
Salt (Max.)	17.6 g	62%
Sodium (Min.)	6.4 g	22.4%
Sodium (Max.)	6.9 g	24.4%
Magnesium (Min.)	160 mg	0.56%
Potassium (Min.)	3.5 g	12.5%
Chloride (Min.)	13.2 g	46.4%
Copper (Min.)	10 mg	350 ppm
Iron (Min.)	52 mg	1,860 ppm
Manganese (Min.)	4 mg	150 ppm
Zinc (Min.)	25 mg	900 ppm
Niacin	19.7 mg	315 mg/lb
d-pantothenic acid	18.3 mg	293 mg/lb

INGREDIENTS

Essential Electrolytes.

Electrolytes are required in the proper concentrations and ratios, and are critical to the maintenance of adequate hydration levels and a wide range of bodily functions.

Electrolyte ratio, which is the concentration of electrolytes compared to one another, is very important. Research indicates that sweat contains about twice as much sodium as potassium, and twice as much chloride as sodium. ElectrolyteWise is a properly balanced electrolyte that contains a 1:2:4 ratio of potassium, sodium, and chloride, respectively.

Trace minerals.

In addition to providing horses with the appropriate electrolytes, ElectrolyteWise supplies minerals such as calcium, phosphorus, magnesium, copper, iron, manganese, and zinc. These minerals are necessary to support and promote optimal muscle function, immune response, and energy conversion. They contribute on multiple levels to the overall well-being of the horse.

Niacin (B3) and pantothenic acid (B5).

Supplying water-soluble B vitamins in conjunction with electrolytes can replenish a horse's stock of vitamins before a deficiency occurs. Vitamins B3 and B5 are involved in a number of metabolic functions at the cellular level. In addition, they are critical components of enzymes that manage a wide array of key energy-producing systems within the horse.