

The Importance of Bio-available, Free-Choice Minerals

It is well known that vitamins are required for every biochemical activity of the body. What is not always known, however, is that vitamins cannot function without the presence of minerals. In fact all nutrients — vitamins, proteins, enzymes, amino acids, carbohydrates, fats, sugars, and oils — require minerals for activity.

You can trace every sickness, every disease, and every ailment to a mineral deficiency.

- Linus Pauling, MD
winner of two Nobel prizes

Unfortunately, not all minerals are created equal. Minerals in elemental form as found in rocks and soil cannot be used as a sole source without causing imbalances. Plants and grasses, however, absorb elemental minerals and turn them into a bio-available form through chelation. Chelated minerals can be easily eliminated and are therefore less likely to create imbalances. Supplementing minerals in a chelated form is therefore the best strategy.

A horse receiving an ample supply of minerals will require less feed and perform at a higher level than one that is not.

- Rex Ewing, Beyond the Hay Days

An Ohio State University study showed that horses fed specific mineral-deficient feeds went by choice to the specific free-choice mineral powder that balanced the particular feed deficiency. Another study has shown that horses cannot get even the salt they require when fed in a block form. Chelated free-choice minerals in loose form are the best solution for equines.

Why Dynamite?

There are numerous equine nutritional supplement makers; why choose Dynamite?

- **Informational resources:** there are a number of healing professionals in the company who freely share their advice and experience.
- **Convenience:** The products are shipped to my door and can be ordered by phone or electronically.
- **Integrity:** I appreciate the integrity with which the company does research and formulates the products.
- **Synergy:** The products all complement each other and address the myriad situations the ponies face.
- **Quality:** Ingredients are human-grade and often organic.

Investing in Dynamite's natural regime saves me time, energy, and money and gives me priceless peace of mind.

Dynamite products are sold exclusively through independent distributors. For questions or to place an order, contact me.

Interested in learning more about natural horse management? Ask about *HorseSense*, a book covering everything from foaling to geriatrics.



Jenifer Morrissey
Turkey Trot Rare Breeds

P.O. Box 1034
Walden, Colorado 80480

Phone: 970-723-4316
Email: workponies@frii.com
<http://turkeytrot.raresteeds.com>



**Dynamite Basics
for
Fell Ponies**

Minerals

Vitamins



Probiotics

Worming

Jenifer Morrissey
Turkey Trot Rare Breeds

(970) 723-4316

Dynamite Free-Choice Minerals

Four mineral products form the foundation of the Dynamite equine nutritional program.

- Natural Trace Mineral (NTM) Salt: This unbleached, loose salt comes from ancient sea-bed deposits. My filly who has been on Dynamite since conception utilizes this salt.
- 1 to 1 and 2 to 1 Free Choice: These calcium:phosphorus balancers have clays and herbs to mimic nature as much as possible. My adult Fells utilize these products nearly to the exclusion of NTM salt, going through 2:1 twice as fast as 1:1. One pony developed a sharper attitude when access was denied for several weeks; he came around within hours of being given access to his minerals, which he consumed voraciously for several days. Use of these products increases with changes in season, transition from pasture to hay, and with extreme winter weather.

It is common, when equines are first put on these products, that they consume large quantities in an effort to balance their systems.

- Izmine™: This mineral food contains more than 60 naturally occurring minerals, enzymes, electrolytes, and bio-nutrients in a bio-available form. As a carbon-based product, it acts as a natural detoxifier. My first Fell mare

was 13 when I bought her, and she went through a bucket and a half of Izmine™ in the first six months. This mare had previously been on daily wormers and was 200 pounds overweight. Since then none of my Fells touch Izmine™. They lead a relatively low-stress, clean life: if chemical wormers, vaccinations, chlorinated water, air pollution, herbicides, pesticides, or other “unnatural-to-the-body” substances were a regular part of their lives, Izmine™ might be consumed more regularly.

Dynamite Vitamins

Dynamite’s vitamin supplements are in pellet form and are designed to dissolve quickly and easily in saliva or water. Dynamite supplements should be utilized only within the Dynamite product line and never used with any other line of supplements.

Dynamite Plus includes vitamins, bio-available minerals, and herbs. It is the easiest to use with ponies because it is less concentrated. I use it from prior to weaning to adulthood.

A healthy animal in a state of homeostasis does not develop a parasitic overload.... In an unbalanced state, the parasite numbers may climb, sometimes dangerously, but in many cases the cure is more harmful than the disease.

- Donna Starita, D.V.M.

Dynamite Probiotics

The pH balance of the equine gut is a major key to equine health. Unfortunately this critical pH balance can be reversed to acid by all forms of stress such as improper feeding (too much grain or high protein), abruptly changing weather conditions, and even many commonly used medications such as dewormers, antibiotics and pain medication. Incorrect intestinal pH can incapacitate the native bacterial colonies of the equine gut.

DynaPro encourages efficient digestion and feed utilization and reduces the incidence of colic by supporting proper pH balance in the hindgut. I apply it weekly to the ponies’ vitamins, and more often when conditions suggest it.

Dynamite Worming

Proper mineralization is the first line of defense against parasites, hence the importance of the four free choice minerals. Proper pH is also important, so regular use of DynaPro also assists in parasite control.

Herbal Tonic quarterly further tones the ponies’ digestive tract. Containing a wealth of vermifuge and liver-supporting herbs, I mix it into grated carrots according to label directions.