

Race horses are special animals and require equally special nutritional attention. **DYNAMITE®** has known this for decades. In fact, the company started feeding horses on the California racetracks in the 1930's and Citation, the famous 1948 Triple Crown winner, was an early user of the original **DYNAMITE®** supplement. Knowing the special needs of race horses so well, **DYNAMITE®** has developed a superior, unique line of specialty products, both nutritional and topical, to help you gain the most from your special breeding and training programs. The goal of **DYNAMITE®** is to support digestive efficiency, peak performance, trainability, longevity and the long-term, overall health of the horses. Their products speak for themselves as they have proven time and again that their mineral-based products stand alone in the industry.

And once again, **DYNAMITE®** has come through with a winner! **TNT** was built specifically for TB racing stables where ease of use is as important as outstanding results for these very hardworking, competitive youngsters. They combined 6 different existing products into one easy-to-feed pellet achieving a remarkable synergistic result. Each serving (1½ cups—there's a measuring cup provided) contains:

▶ **Dynamite** (1 oz) The foundation of the **DYNAMITE®** Basic Program is a balanced formula containing bioavailable minerals, vitamins, enzymes, co-enzymes, bio-catalysts, micro-organisms, amino acids and cultured gut bacteria for digestibility.

▶ **Free & Easy** (20 grams) This concentrated and synergistic joint supplement contains no fillers and is designed to not only support joints, cartilage and ligaments, it also contains natural antioxidant and anti-inflammatory components and herbs.

▶ **Excel** (½ teaspoon) A digestion catalyst, toxin neutralizer and pH stabilizer; some users have reported a marked reduction of parasites when using this resulting in reduced amounts of chemical dewormers.

▶ **Easy Boy** (1 oz) This combination of chelated magnesium, B vitamins and herbal nutrients not only helps calm horses under stress but also helps to strengthen hearts and reduce muscular cramping due to lactic acid overloads; it's effects are especially noticeable in feisty mares and other hormonally imbalanced horses.

▶ **Izmine** (½ oz) A carbon-based mineral deposit containing more than 60 naturally-occurring minerals, enzymes, electrolytes and bio-nutrients in a readily assimilated form.

▶ **H.E.S.** (1 cup) This High Energy Supplement, containing highly digestible ingredients, is used to increase protein, fat and energy levels in a horse's diet

without "heating" them up.

**TNT** users have reported noticing calmer, more focused athletes with energy to spare even after extended distances. It's unique results have also been noted in other demanding disciplines such as Grand Prix Dressage and Jumping, AQHA flat and barrel racing, and Endurance Trail. In fact, it has proved so popular because of its effectiveness, that a 60# bin has been added to the previously offered 25# bucket.

In order to achieve the most consistent results with your racehorses, however, we suggest feeding **TNT** as a part of a balanced program:

▶ **Grass Hay** - appropriate amounts of grass hay (app. 25# ± for a 1000# *mature maintenance* horse - fed at ground level) is the best choice for all horses regardless of use. Research has discovered that heavy alfalfa use (over 12% of total forage) encourages *calcium:phosphorus* imbalance and over-proteinization (acidity) both of which can then result in a host of challenges ranging from general "bad attitude," nervousness, "cinchiness," scratches, thumps and overweight from cellular edema, to tying-up, OCD, DOD, thyroid dysfunction, kidney disease, colics, enteroliths, arthritis/joint disease, and more. Mature working horses only require a protein level of 12% and alfalfa averages 18% with much of it even higher. In fact, a University of Maryland study showed that excess protein levels actually *slowed performance* down and Colorado State University studies have shown excess protein inhibits T4 production causing glucose imbalance which in turn can lead to excess lactic acid in muscles.

▶ **DYNAMITE® NTM Salt** The use of free-choice, loose, trace mineral salt was suggested at the 1996 International Symposium of the Association for Equine Sports Medicine held in Bonn Germany (as reported by William E. Jones, D.V.M. in the 12/96 Quarter Racing Journal) after studies showed that no horse could obtain proper salt balance from blocks, originally designed for rough-tongued cattle; **NTM** salt should *always* be made available free choice.

▶ **DYNAMITE® 1 to 1** and/or **2 to 1** These free-choice powders help to maintain critical *calcium:phosphorus* balance and, due to their clay content, help support the entire GI tract which is so prone to ulcers in highly competitive horses. Distributors have reported horses diving into one or the other if deprived of it during training.

▶ **DYNAMITE® Izmine** Even though some **Izmine** is

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contained within the TNT pellet, many horses under the extreme stress of racing require more; offering it free choice allows each horse to take what it needs.

► **DYNAMITE® DynaPro** With the stress of both training and competing, this pro-biotic is a must at each feeding to help maintain proper intestinal activity so that nutrients may be digested properly with little chance of colic. Because it is a fermentation extract rather than a living culture, gassiness is avoided.

► **DYNAMITE® PGR** Renowned equine nutritionist and head of Kentucky Equine Research, Inc. Joseph Pagan, PhD, states that horses, because of their inability to properly digest high carbohydrate foods such as grain (they lack *amylase*), should be fed only .3% of their body weight per meal; this comes to just 3# grain (app. 2 qts) per feeding for a 1000# horse rather than the gallons many race horses are currently fed. Users of **PGR**, a superior pelleted blend of specially grown grains plus other nutrients, report being able to cut grain consumption to 1/3 or 1/4 of previous use, thus keeping in line with Pagan's research and with far better results than with standard grain mixes.

► **DYNAMITE® HES** Available separately when grain is insufficient for high-calorie use/need; only 4 cups maximum per day is suggested per 1000# (remember there is already 1 cup of **HES** per serving of **TNT**); usually only 1/2 to 1 cup per feeding is all that is necessary to supply extra energy needs.

► **DYNAMITE® DynaSpark** This organic electrolyte is an essential during summer competition; it also can encourage proper drinking and eating when on the road and even in cold weather.

**F**or *occasional* or *special* needs, you might also consider the following **DYNAMITE®** products:

► **Hiscorbadyne** An advanced *Ester-C®* formula used by owners/trainers with lung bleeders, horses with "heaves" or other upper-respiratory tract challenges, and to strengthen the *periosteum* of bones to help avoid splints; can be used at maintenance levels indefinitely if needed

► **Super Stress** Supports the immune system during exceptional stress such as exposure to toxins or viral infection; use for only 10 days at a time or it can "flatten" performance

► **DynaHoof** Biotin and specially chelazoned minerals encourage rapid and dense hoof growth when necessary

► **MSM** This **DYNAMITE®** form is ultra-pure and is included in the **Free and Easy** joint supplement; extra may be necessary when swelling or stocking-up is present as it can increase circulation

► **Wound Balm** - a natural substance, this can be rubbed on the coronet band to encourage hoof growth or used as a sweat for splints & calcium deposits;

helps reduce scarring and encourages natural-colored hair growth on injuries; also useful for any closed injury or scrape

► **Wound Salve** - for any cut or wound where either infection or proud flesh formation are of concern; will not discolor and can be injected into deep injuries

► **Tea Tree Oil** - this correctly balanced *cineol: terpinen* ratio oil (many **TTO**'s on the market are cut with pine oil and have too high a *terpinen* content which can cause serious distress) is superb as a spray (can be used full strength or diluted up to a 1:10 ratio with olive oil) for large open wounds or as a levenge for deep ones; it encourages correct cellular growth

► **Release** - a topical herbal homeopathic spray which encourages energy flow while it decreases physical discomfort from numerous sources; many Distributors report using it as a first when treating *any* injury (including eyes) for immediate relief and faster recovery

► **Relax** - an oral herbal homeopathic spray which many use pre-event to aid in maintaining focus; also for hauling, pre-vet visits, etc.

► **Tranquil** - similar to **Relax** but with added ingredients which seem to aid muscular holding

► **Trace Minerals Concentrate** - a colloidal mineral liquid which can be used topically on heavily bleeding (or any) wounds or in feed or water when internal bleeding is suspected; also used internally when early illness is suspected; for lung bleeders, a 30 round of 2 drops per day with 30 drops per day for 3 days before a race, has speeded up recovery. Many individuals are switching to this (along with **Hiscorbadyne**) in lieu of *Ventipulmin (Clenbuterol)*, which is a nervous system stimulant that also can raise blood pressure.

► **Solace** - colloidal silver has been traditionally used in eyes, ears, various wounds and internally when suspected infectious elements are present

► **Miracle Clay** - while all **DYNAMITE®** feeds contain this Clay, **DYNAMITE®** offers it separately for use as a poultice (voted best poultice by John Lyons magazine) or internally when ulcers, common in competitive horses, are suspected

► . . . for chemical-free grooming, try: **DYNAMITE® All Natural Shampoo & Conditioner** and **DYNAMITE® DynaShield Insect Repellent**

**F**ollowing this nutritional program has resulted in many breeders, trainers and owners having healthier, more energetic stock with stronger bone, tendon, heart and lung power while still being focused and manageable. That, along with good genetics and conformation plus proper conditioning, is a winning combination! ■

*Also see both our HORSE and TRANS SPECIES PRODUCT PROFILES plus our HORSE BASICS:FORAGE; HORSE BASICS:MINERALS; HORSE BASICS:SALT; HORSE BASICS:GRAINS; HORSE BASICS:PARASITES; HORSE BASICS:PROBIOTICS; HORSE FAQ:HAYS; and HORSE FAQ:HAY ALTERNATIVES.*