

RCR Supplement Program

We are constantly trying to improve the care of our horses and looking to keep the most money in your wallet. We have spent the time researching a supplement system that would best provide for our horses, at the best cost for our clients. We as a large business can purchase supplements in bulk and therefore offer it to you at what we believe to be a lower price than Smart Pak. We are certain that these programs will be lower in cost than your current supplementation program and offer more benefit to your horse than you are currently purchasing in your supplements. We have done quite a bit of research into the nutritional needs of our horses and believe that this could greatly improve our horse's digestion, hair coat, feet, joint health, weight, attitude, and overall condition. The supplements we are offering are all FDA approved and are of the highest quality. If you compare the ingredients in the different programs that we are offering, to your current supplement, we are certain you will find more ingredients of value in our plans than your current Smart Pak. All supplements chosen are designed to please picky eaters.

Complete Feed for the AM and PM Supplement Feeding

The integral part of our program is the feed that we are feeding the supplements in.

A&M is a suitable and palatable feed for the supplements but adds no nutritional value to the horse. If you currently feed your own senior or complete feed, verify you are feeding the required amount based on your horse's weight, or the horse is not receiving the benefits from the product.

The feed that we have selected for your horses is considered a complete feed, and we feed each horse on our supplement program the exact amount recommended by the company decided by the weight of each horse. We feed approximately 3-4 lbs per horse split into 2 feedings. The major benefit from adding this feed to your horse's diet, will be a significant reduction in the amount of supplemental feed required to maintain their weight, i.e. less lunch or free feed pellets. Thus it should offset the cost.

Information on the products is listed below:

LMF Showtime is a textured feed that maximizes body and coat condition in show horses. Showtime has the added benefit of minimizing the excitable attitude that is common when grains are fed to horses. "Maximum condition, maximum calm" are terms which best describe LMF Showtime. Rice bran, beet pulp, yeast culture, vegetable oil, vitamin A, vitamin E, lysine, thiamine and other B-vitamins combined with a minimum of grain give horses fed LMF Showtime the advantage in the show ring. This feed is a perfect choice for all types of show horses and ponies. Offering two types one for horses on a grass diet and one for horses on Alfalfa Diet. (see Chart C)

We also offer:

LMF Senior is a unique pelleted complete feed for older horses. The formula includes glucosamine for joint health along with fiber, energy, vitamins, minerals and live yeast culture to aid in digestion. Critical nutrients are presented in a highly palatable form that horses readily consume. (please see lmffeds.com for full ingredients)

Platinum Supplement Program

Monthly Cost:

Supplements- \$120.00

Supplement Feeding- \$90.00

Monthly Total - \$210.00

Designed for horses with a heavy workload and/or horses with Arthritic and/or Degenerative Conditions.

LMF Showtime- Included in Supplement feeding fee

Electrolytes- Orange flavored, Sugar free, Dye free, Sodium, Potassium, Calcium, Magnesium, Phosphorus, and Amino Acids,

Hoof Formula- Biotin 25mg for growth-Zinc & Copper for hoof integrity, Lysine for absorption, DL Methionine for producing Keratin. (see Chart A)

3 Joint Formulas-

Joint A- For horses with degenerative issues (i.e. navicular, DJD, Ringbone) to promote proper bone regeneration. (see Chart B)

Joint B- A complete joint supplement that also improves and supports cartilage, and connective tissues. Glucosamine, Chondroitin, MSM, Silicon (see Chart B)

Joint C- A complete joint supplement Glucosamine, Chondroitin, MSM, HA & Vitamin C (see Chart B)

Gold Supplement Program

Monthly Cost:

Supplements- \$90.00

Supplement Feeding- \$90.00

Monthly Total - \$180.00

Designed for horses with a heavy workload

LMF Showtime- Included in Supplement feeding fee

Electrolytes- Orange flavored, Sugar free, Dye free, Sodium, Potassium, Calcium, Magnesium, Phosphorus, and Amino Acids,

Hoof Formula- Biotin 25mg for growth-Zinc & Copper for hoof integrity, Lysine for absorption, DL Methionine for producing Keratin. (see Chart A)

2 Joint Formulas-

Joint B- A complete joint supplement that also improves and supports cartilage, and connective tissues. Glucosamine, Chondroitin, MSM, Silicon (see Chart B)

Joint C- A complete joint supplement Glucosamine, Chondroitin, MSM, HA & Vitamin C (see Chart B)

Silver Supplement Program

Monthly Cost:

Supplements- \$60.00

Supplement Feeding- \$90.00

Monthly Total - \$150.00

Designed for young horses, horses with no problems or horses with a light workload

LMF Showtime- Included in Supplement feeding fee

Electrolytes- Orange flavored, Sugar free, Dye free, Sodium, Potassium, Calcium, Magnesium, Phosphorus, and Amino Acids,

Hoof Formula- Biotin 25mg for growth-Zinc & Copper for hoof integrity, Lysine for absorption, DL Methionine for producing Keratin. (see Chart A)

Joint Formula-

Joint C- A complete joint supplement Glucosamine, Chondroitin, MSM, HA & Vitamin C (see Chart B)

Bronze Supplement Program

Monthly Cost: *Offered at a discount*

Monthly Total - \$100.00

Designed to provide optimum health and nutritional needs.

LMF Showtime- Included in Supplement feeding fee

Electrolytes- Orange flavored, Sugar free, Dye free, Sodium, Potassium, Calcium, Magnesium, Phosphorus, and Amino Acids,

Supplement Additives

You are welcome to provide any additives including Pharmaceuticals to any of the above supplement programs at no additional charge. If you have a specific concern you would like to address, the supplement company has many products and we certainly could find any additional products you needed and provide them at a low cost to you.

For Supplement Information and Ingredients, please see the Charts on the following pages. When comparing these products with your current SmartPaks, remember our program will include Joint, Hoof and Electrolytes, in the Supplements; Digestion, Minerals, Omegas, Weight, and Coat conditioner in the Complete Feed.

Chart A

Hoof Formula-

Our Hoof Formula features a nutrient profile that is superior in the elements required for the development of both quality and growth! Because we provide all of the required elements in this maximum strength formula, we guarantee to outdo any of the competition. Improve your chances of success with this maximum strength formula!

There are a number of elements that are responsible for the development of a healthy hoof - and a shortage in any one of them may limit how well the body is able to utilize the others. Here is a brief overview of these elements:

Biotin has been long valued for its ability to enhance NEW horn growth. So users will need to be patient because existing hoof will need to grow out, while the new, higher quality hoof grows in. This process may take months to complete, but studies show adequate Biotin intake can help expedite the process considerably.

Reilly et al. (1998) examined the effect of .12mg/kg bodyweight on growth and growth rate of the hooves of eight paired ponies. After five months, treated ponies had a significantly faster mean hoof growth at the midline compared to control animals. Biotin dose equivalent to 60mg/day in a 1,100lb thoroughbred horse.

Zinc & Copper are responsible for improving the integrity of the horn, itself. Horses deficient in either one, or both of these nutrients will tend to lose shoes and have cracks in their hooves. This deficiency may also be responsible for poor frog and sole health. As the integrity of the hoof is improved, the quality of the white line will improve, which can aid in preventing penetration of bacteria that can lead to white line and thrush. Ideally the nutrient ratio of zinc:copper should lie between 3:1 & 5:1.

Coenen and Spitzlei (1997) performed a study that showed supplementation with 300-500mg of zinc per day led to an increase in the zinc content of the horn. A recent study in Japan reported that horses consuming diets low in zinc and copper were more likely to have white line disease than horses that were supplemented with higher levels of these trace minerals (Hihami, 1999) The nutrient balance between zinc:copper is very important.

I- Lysine is an essential amino acid, which is considered as 'rate limiting'. This means that in the absence of lysine, the other amino acids don't absorb as well. This is important to improve efficiency in protein utilization, which will ultimately growth, blood building, tissue repair, and muscle development. In a hoof supplement it directly applies to how well the I-Methionine is absorbed to enhance the Keratin content in the hoof (Keratin is the protein responsible for improving the strength of the cellular bonds that make up the hoof material).

I-Methionine is an essential amino acid, which is required by the body to assist in the formation of Cysteine & Keratin. Essentially, they help to strengthen the cellular bonds that would need to be improved when deteriorating hoof conditions are evident. The domestic horse today tends to fall short of the required levels of I-Methionine and Lysine, so supplementing several thousand milligrams daily is a great way to ensure they're meeting their requirements.

A study by Coenen and Spitzlei (1997) shows that 93% of the horses hoof is comprised of protein. Most of this protein is in the form of keratin, which is primarily comprised of Cysteine. Since cysteine can only be manufactured in the presence of I-Methionine, the amount of keratin produced depends directly on I-Methionine intake.

	Per 16 grams (1/2 scoop serving)
Guaranteed Analysis:	
Biotin	25mg
I-Methionine	1,750mg
I-Lysine	750mg
Zinc	100mg
Copper	25mg
Pyridoxine Hcl	10mg

Chart B

Joint Supplement A-

Our pellet formula includes 1,750mg of each Glucosamine and MSM per scoop to help support horses that have cartilage complications in addition to bone complications and is comprised of a proprietary mineral blend that specifically focuses on the 3 important factors that support a healthy bone remodeling process. Proven to provide relief for horses with navicular syndrome, ringbone, fractures, bone bruises, DJD, and Arthritis.

Dicalcium Phosphate, Calcium Proteinate, Magnesium Proteinate, Potassium Chloride, Potassium Amino Acid Complex, Yeast Culture, Glucosamine Hcl, MSM, Salt, Dehydrated Forage Products, Iron Proteinate, Vitamin B-12, Copper Proteinate, Choline Chloride, Zinc Proteinate, Niacin, Potassium Sulphate, Calcium Pantothenate, Cane Molasses, Inositol, Linseed Meal, L-Lysine, dl-Methionine, L-Aspartic Acid, L-Arginine, Dried Aspergillus Oryzae Fermentation Extract, Wheat Bran, Wheat Middlings, Tocopherol (Source of Vitamin E), Biotin, Sodium Selenite, p-Aminobenzoic Acid, Ascorbic Acid, Vitamin K, Cobalt Proteinate, Flavoring, Ethylenediamine Dihydriodide, Pyridoxine HCl, Folic Acid, Thiamin, Manganese Proteinate, Vitamin A, Riboflavin, Soybean Oil

Joint Supplement B-

Recommended for sport horses who are subjected to significant joint impact loading. This would be seen in horses where the bones are going to come in direct contact with one another with force where the cartilage and subchondral bone (soft portion of bone where it meets the cartilage) will be absorbing a significant amount of impact. i.e. hunter/jumpers, race horses, eventers, cutting horses. These horses often have deteriorating cartilage and boney changes may be present.

When horses are growing & developing, an element called silicon is highly abundant in the body and aids in collagen production for the initial formation of bones and connective tissues. But as the animal matures and ages, silicon becomes less prominent. As time goes on, this may compromise the flexibility and elasticity of the bones and also contribute to inadequate tissue production in and around the joints. The subchondral bone, which is the soft portion of the bone that forms where the cartilage begins, may be affected when it becomes overly dense. That is, without silicon to produce the elastic effect that portion of the bone needs, the more susceptible it is to damage as it isn't able to effectively "absorb" the shock. Connective tissues like tendons, ligaments & cartilage may also be negatively affected as their ability to heal and repair is diminished in the absence of silicon. While most supplements focus strictly on joint tissues, our product focuses on the collagen aspect of all major joint components; the bone, cartilage & tendon/ligament tissues, which produces a more comprehensive approach to protecting joint health.

Glucosamine supports cartilage production, improves joint comfort and inhibits inflammatory mediators, which contribute to cartilage breakdown and joint pain.

Chondroitin supports production and slows breakdown of cartilage. It has shown to improve joint comfort & inhibits inflammatory mediators. Glucosamine and chondroitin sulfate have been shown in published equine cell research to work better together than either alone over long term studies.

MSM is known for anti-inflammatory activity, which typically applies most specifically to tissues in and around the joint. Research done on exercised horses given MSM reported anti-inflammatory and antioxidant benefits in the bloodstream.

Zinc assists in the metabolism of nutrients and blood formation. It is required for the immune system to function correctly. It also plays a vital role in production of healthy skin, hair and hooves. The Zinc: Copper ratio is important to keep balanced in the horse's diet.

Copper is critical in the formation and repair of collagen, the major component of bone matrix. Copper is required for activity of lysyl oxidase, the enzyme needed to form crosslinks in collagen, which hold the bone tissues together. Think of collagen crosslinks as rebar or steel wire placed into an area before concrete is poured. The rebar or steel wire will hold the concrete together, making it more durable. Copper deficiency could impair the strength of collagen and in turn, bone & connective tissue. Insufficient copper in the diet has been implicated in osteochondritis and flexural deformities.

Manganese is required for the utilization of fats and carbohydrates. It is involved as a co-factor for the formation of cartilage and bone production through chondroitin synthesis.

Vitamin C plays a vital role in the production of collagen, which is a key component in bone & connective tissues like cartilage, tendons and ligaments. It also has shown to have benefits for the immune system in horses low in Vitamin C.

Vitamin E is important for stabilizing cell walls by protecting their destruction from oxidation, and is thus referred to as an “anti-oxidant” vitamin. It is also involved in supporting the immune system.

Guaranteed Analysis:	Per 4 oz Scoop
Sodium Zeolite A	4,500mg
Glucosamine	2,500mg
MSM	2,500mg
Chondroitin Sulfate	1,000mg
Zinc	100mg
Copper	50mg
Manganese	25mg
Vitamin C	800mg
Vitamin E	250 IU

Joint Supplement C-

One scoop for Platinum and Gold, one and one half scoops for Silver.

Guaranteed product analysis per scoop:

Glucosamine Sulfate 7,500 mg. –for cartilage formation.

MSM 7,500 mg - building blocks of healthy joints.

Yucca Schidigera 2,500 mg. – 100% pure yucca powder.

Chondroitin Sulfate 1,000 mg. – a proteoglycan for cartilage elasticity.

Hyaluronic Acid 100 mg. - synovial fluid production, reduces joint wear and tear.

Vitamin C 1,000mg. - prevents cellular breakdown

In a base of stabilized rice bran

Chart C

LMF Showtime

- Maximum Condition
- Maximum Calm
- Low Sugar
- 60% Of Calories from Fat and Highly Digestible Fiber
- Moderate Fat (6%) to Enhance Skin and Hair Coat
- Added Thiamine to Keep Horses Calm
- Yeast Culture
- Omega 3 Fatty Acids
- Bio-Available Trace Minerals
- Textured Feed

LMF Showtime Special Ingredients

- **Bio-Plex®**

Proteinated minerals for maximum absorption and retention. Minerals designed to match as closely as possible the naturally-complexed trace element compounds found in forages and grains.

- **Sel-Plex®**

Selenium is more bio-available than inorganic forms and better retained, which lets the horse build nutrient reserves against periods of increased demand with less risk of toxicity. Better tissue retention, optimized immune response.

- **Yea-Sacc¹⁰²⁶**

The world's leading yeast culture for horses, and enhances fiber digestion and nutrient absorption allowing for increased animal performance. By improving feed efficiency, Yea-Sacc¹⁰²⁶ also helps to maintain body and coat condition in horses. Horses in training, working horses: Less variation in intake, improved nutrient absorption including phosphorus for bone strength.

-

- Soybean Seed Coats, Dried Beet Pulp, Flax Seed, Soybean Meal, Vegetable Oil, Oats, Rice Bran, Cane Molasses, Calcium Carbonate, Monocalcium/Dicalcium Phosphate, Sodium Chloride, Live Yeast Culture, L-Lysine, Monosodium Phosphate, Natural and Artificial Flavorings, Selenium Yeast, Manganese Sulfate, Manganese Proteinates, Zinc Proteinates, Zinc Sulfate, Choline Chloride Supplement, d-Alpha Tocopherol (Source of Natural Vitamin E), Copper Proteinates, Copper Sulfate, Thiamine Mononitrate, Niacin Supplement, Vitamin B12 Supplement, d-Calcium Pantothenate, d-Biotin Supplement, Vitamin A Acetate, Riboflavin Supplement, Pyridoxine Hydrochloride, Vitamin D3 Supplement, Folic Acid Supplement, Cobalt Sulfate, Potassium Iodide.

New Supplement Feeding Prices

#1 SmartPak or Own Supplements we prepare with LMF-	\$95.00
#2 Training Clients- Pre Made With own Feed-	\$60.00
#3 Non-Training Clients- Pre Made With own Feed-	\$75.00

Please remember that the pre-made supplement feeding program is owner supplied pre made bags. Bags must be of a zip lock type, no larger than a one gallon size, and a sealed storage container must be provided. We do not fill bags of supplements with owner supplied feed; except in the program #1 we will exchange LMF for owner supplied feed or add additional feed that is owner supplied.

Please return the following to the RCR office, or RCR email, or Kim's email at your earliest convenience:

Owner Name: _____ Horse or Horses Names _____

- ☐ Yes I have read the enclosed information and would like to have my horse receive the benefit of the new Supplement program.

Please circle choice:

Platinum

Gold

Silver

Bronze

- ☐ No I would not be interested in the new supplement program. I will be doing the following supplement feeding.

Please circle choice:

Own or None

#1.SmartPak w/LMF

#2.Training pre-made Own Fee

#3.Non-Training pre-made Own Feed

- ☐ I would like my horse to receive:

Please circle choice:

LMF Showtime

LMF Senior