

H

Horse Feeds



**A Complete
Line of Equine
Nutritional
Feeds**

KING[™]
Means Quality
SINCE 1938



One Family. Trusted for Generations.

The Hearne family has been serving the agricultural community with essentials such as feed, seed, beans and fertilizer in central California since 1938. Actively supporting the next generation of farmers, L.A. Hearne Co. participates in 4H and FFA animal projects, group leadership, show animal purchases, nutrition education, diversified feed options and an expansive awards program.

The King™ brand is synonymous with quality. Our feeds are carefully crafted from select ingredients, guided by the latest scientific research and milled with a sense of pride borne of a family commitment for four generations.

King Equine Feeds are California's finest and recognized for their:

Quality. We use #1 or #2 grade grains, wholesome ingredients and no fillers.

Safety. Our mills are free of Paylean, Bovatec, Rumensin and other drugs that are commonly used in livestock feeds but toxic to horses.

Consistency. Our locked formulas guarantee uniformity from bag to bag.

Performance. Our feeds are nutritionally balanced and nutrient dense.

Healthful. Our feeds are enhanced with essential nutrients and nutraceuticals supporting your horse's health and reducing the need for expensive supplements.

Good Health Starts with Good Nutrition

Balanced Nutrition. King feeds provide a balanced ration of protein, energy, vitamins and minerals in accordance with the National Research Council's current equine feeding recommendations.

Low Sugar/Starch Energy Sources. As hind gut fermenters, minimizing sugar and starch levels helps to alleviate metabolic disorders like Cushings, IR, and Laminitis. Many of our feeds use Rice Bran, Beet Pulp and Vegetable Oil in place of traditional grains to provide "cool" energy and to reduce the daily dietary intake of sugar and starch for a healthier diet.



Guaranteed levels of critical vitamins, minerals and amino acids minimize the need for costly supplementation.

- Vitamins play a role in a variety of metabolic processes. Horses can synthesize some water soluble vitamins, however, stress from growing, training and reproduction typically require additional daily supplementation while fat soluble vitamins (i.e, A, E) must come from dietary sources.
- Balanced ratios of minerals are critical for healthy bone development and hooves while others regulate hydration and muscle control. Our feeds utilize minerals chelated with amino acids improving bioavailability and performance.
- Derived from protein, amino acids are the body's building blocks. Guaranteed levels of essential amino acids support hair, coat, hoof and muscle development.

A Healthy Gut. The equine digestive system is both unique and sensitive; maintaining optimum gut health reduces the risk of colic, improves feed efficiency and supports immune response promoting health and longevity. Our equine feeds may include:

- Prebiotics to assist in maintaining the beneficial microflora in the gut.
- Probiotics for maintaining pH, B vitamin production and efficient digestion of starch. Our direct fed microbials are heat stable.
- Eubiotics to optimize the balance of microflora in the G/I tract which modulates the immune system and enhances nutrient absorption and feed utilization.

Brain

Omega 3 Fatty Acids (FA)
Phosphatidylcholine (lecithin)
Vitamin E

Eyes

Zinc Methionine Complex
Omega 3 FA
Vitamin A,E

Hair/Coat

Zinc Methionine Complex
Phosphatidylcholine (lecithin)
Omega 3 FA

Heart

Resveratrol (whole plant yucca)
Garlic Extract
Omega 3 FA

Lungs

Omega 3 FA
Yucca (ammonia reduction)
Saponins (quillaja)
Thyme Leaf

Bones

Zinc Methionine Complex
Copper Lysine Complex
Manganese Methionine Complex
Omega 3 FA
Calcium, Phosphorus
Vitamin D

Hoofs

Zinc Methionine Complex
Copper Lysine Complex
Manganese Methionine Complex
Biotin

Total Equine Optimization

Immune

Selenium Yeast
Zinc Methionine Complex
Saponins (quillaja, whole plant yucca)
Resveratrol (whole plant yucca)
Mannan Oligosaccharides
Stabilized Vitamin C
Omega 3 FA

G/I Tract

Yeast Culture
Mannan Oligosaccharides
Direct Fed Microorganisms
Phosphatidylcholine (lecithin)
Nutrient-Releasing Enzymes
Chromium Picolinate (glucose tolerance factor)
Garlic Extract
Ginger Extract
Aniseed Extract
Juniper Extract
Horseradish
Cassia Bark Extract
Turmeric Root
Thyme Leaf

Muscles

Selenium Yeast
Magnesium
Omega 3 FA
Vitamin E
Lysine AA
Methionine & Cystine AA

Joints

Omega 3 FA
Resveratrol (whole plant yucca)
Manganese
Methionine Complex
Saponins (quillaja)
Stabilized Vitamin C
Turmeric Root Powder
Glucosamine

HAY BALANCERS

Forage is the primary component of the equine diet and the nutritional content varies based on the type of forage and growth/harvesting methods. King Brand Hay Balancing feeds are designed to adjust and supplement forage deficiencies to create a balanced equine diet for optimum health and performance.

ULTRA 20/20

**Great for
Weight
Gain**

Designed for forage balanced diets consisting of 70:30 (grass or grain hay:alfalfa). Just 1# of Ultra 20/20 provides the daily nutritional requirements of vitamins, minerals, essential amino acids plus supports digestion, immune function, joints, coat, hooves and provides ulcer protection.

Soft Pellet, Low Sugar/Starch, No Alfalfa or Molasses, Anti-oxidants, Pre – and Probiotics, Joint, Immune & Cardiovascular Support, Ulcer Prevention, Hair/Coat/Hoof Condition, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

CARBORAIDER CONCENTRATE

**Low
Sugar/
Starch**

Designed for grass and grain hay based diets, CarboRaider Concentrate improves daily protein levels and provides a concentrated source of energy to minimize “hay belly”.

Pelleted, Low Sugar/Starch, Anti-oxidants, Pre, Pro and Eubiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



ALFA-MATE PLUS

**Reduces
Stone
Risk**

Designed for alfalfa based diets, Alfa-Mate Plus adjusts daily protein levels and the Calcium:Phosphorus ratio to reduce the risk of enteroliths.

Pelleted, Anti-oxidants, Pre – and Probiotics, Joint & Immune Support, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

LIFE STAGES

The nutritional requirements of a horse changes throughout its lifetime from development to old age. King Brand Life Stage Feeds are designed to provide the correct nutrition and support required at each stage of life.

MARE AND FOAL

**Great
for
Juniors**

During pregnancy and lactation, the nutritional needs of the mare increases dramatically to support proper foal development. Mare and Foal is designed to support the additional nutritional needs of both mare and foal during pregnancy, maximizing milk output, promoting rapid recovery from lactation and minimizing the physical stress of pregnancy.

Once weaned, Mare and Foal provides the extra nutrition to support healthy growth and development for weanlings and yearlings.

Pelleted, Anti-oxidants, Pre – and Probiotics, Joint & Immune Support, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



JUNIOR DELIGHT

Textured

A traditional natural, whole grain based supplement for weanlings and yearlings that is sure to delight with a kiss of molasses. Provides the extra nutrition to support healthy growth and development.

Textured, Anti-oxidants, Pre – and Probiotics, Immune & Cardiovascular Support, Hair/Coat/Hoof Condition, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

SENIOR DELIGHT

**Great for
Chewing
Issues**

As a horse ages, chewing, digestive, weight and joint issues appear. Senior Delight minimizes the affect these issues have on condition and performance. A soft crumble; it is ideal for horses with no teeth or chewing issues. It is highly palatable for even the finickiest eater and is low dust for horses with respiratory issues.

A complete feed; Senior Delight may be the sole daily ration. Soft Molasses Crumble, Anti-oxidants, Pre – and Probiotics, Joint Support w/Glucosamine & Yucca, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

LIFE STAGES (Low Sugar/Starch)

It is well known that excess sugar and starch is linked to many equine issues including: tying-up, colic, laminitis, obesity, insulin resistance, Cushings and undesirable behavior. Recent studies suggest that low sugar/starch maternal and foal diets may minimize rapid growth that contribute to abnormal bone development and may prevent the development of insulin resistance and metabolic syndrome later in life. CarboRaider Horse Feeds provide essential nutrition throughout a horse's lifetime without creating excess sugar and starch in the diet.



CARBORAIDER MARE AND FOAL

As the unborn foal grows, the mare consumes less hay and supplementing with a concentrated nutritionally balanced feed is recommended for healthy foal development. CarboRaider Mare and Foal's low sugar/starch formula, fiber, essential amino acids, vitamins and minerals supports fetal development and improves the quality, quantity and composition of the mare's milk and colostrum.

Once the foal is born, CarboRaider Mare and Foal is an excellent creep feed; correcting for mineral deficiencies in the mare's milk that may affect bone growth and development and supporting the development of healthy gut microflora for enhanced nutrient absorption and immune response. When it's time to wean the foal, CarboRaider Mare and Foal aids in the transition from a liquid to a solid diet, reduces stress, maintains weight gain and body condition and prevents a growth spike at weaning.

Pelleted, Low Sugar/Starch, Pre, Pro and Eubiotics for Digestive and Immune Support, Anti-Oxidants, Anti-inflammatory, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

CARBORAIDER JUNIOR

To maintain a smooth growth curve in the growing horse; a low sugar/starch, nutritionally balanced ration is recommended. The nutritional composition of hay and pasture varies widely; to minimize dietary effect on bone development during the growth years, hay/pasture should be restricted.

CarboRaider Junior is formulated as a complete feed with roughage to deliver a balanced ration of protein, energy, vitamins and minerals for optimal, consistent growth and development.

A complete feed; CarboRaider Junior may be the sole daily ration. Pelleted, Low Sugar/Starch, Pre, Pro and Eubiotics for Digestive and Immune Support, Anti-Oxidants, Anti-inflammatory, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



CARBORAIDER SENIOR

Calorie dense, enhanced with digestive and joint support and a small pellet size, CarboRaider Senior aids in managing common senior problems such as chewing, joint discomfort and weight gain. The low sugar/starch formula is ideal for preventing or managing health issues associated with excess dietary sugar/starch.

A complete feed; CarboRaider Senior may be the sole daily ration. Pelleted, Low Sugar/Starch, Anti-oxidants, Anti-Inflammatory, Pre, Pro and Eubiotics, Joint Support, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



SPECIAL NEEDS

Diet is a key component to managing many equine ailments. King Brand Special Needs feeds are designed to simplify diet management while promoting health and longevity.

CARBORAIDER COMPLETE

**Low
Sugar/
Starch**

Excess sugar/starch are the primary nutritional culprits in Cushings, IR and Laminitis. This low sugar/starch feed allows for complete dietary control of daily sugar/starch levels while providing support to maintain health and vitality.

A complete feed; CarboRaider Complete may be the sole daily ration. Pelleted, Low Sugar/Starch, Anti-oxidants, Pre, Pro and Eubiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



CARBORAIDER LO CAL

**Great for
Weight
Loss**

Obesity may be caused by excess calories or sugar/starch, slow metabolism or disease. CarboRaider Lo Cal is a low sugar/starch AND reduced calorie feed; ideal for managing weight issues attributed to metabolic disorders. For easy keepers, use CarboRaider Lo Cal to reduce calories without compromising daily feed intake or nutritional balance.

A complete feed; CarboRaider Lo Cal may be the sole daily ration. Pelleted, Low Sugar/Starch, Reduced Calories, Anti-oxidants, Pre, Pro and Eubiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.





LOW POTASSIUM PELLETT

**Ideal for
HYPP
horses**

HYPP is a genetic disorder that results in excess potassium in the blood which causes muscle tremors or paralysis. Episodes of HYPP can usually be managed by stabilizing the blood potassium level. Forages vary widely in potassium concentration so the guaranteed levels of potassium in the Low Potassium Pellet simplify managing the dietary levels.

Pelleted, Anti-oxidants, Pre – and Probiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

FREEDOM EQUINE

**No
Corn/
Soy/Flax**

King Freedom Feeds are non-GMO, contain no soy, corn, flax, artificial dyes, flavors or preservatives. It is ideal for horses with allergies and provides suitable energy for working horses.

Pelleted, Anti-oxidants, Pre - and Probiotics, Joint, Immune & Digestive Support, Parasite Management, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



PERFORMANCE FEEDS

As a horse's work load increases so does the caloric intake required to perform the work and maintain body condition. Adding a King Brand Performance Feed Supplement to the daily diet provides the extra energy and support for all major systems to achieve optimum performance results.

ULTRA 20/20

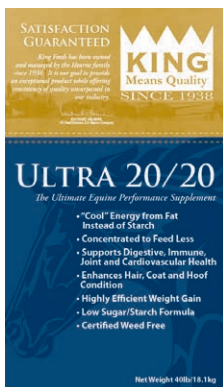
Cool Energy

A favorite of high performance athletes! Offers reduced levels of sugar and starch, ulcer protection and cool energy for sustained peak performance. Concentrated, most horses only need 1-2 # per day to maintain condition.

Calorie dense, Ultra 20/20 is an ideal weight gain supplement.

See weight gain program on p. 14.

Soft Pellet, Low Sugar/Starch, No Alfalfa or Molasses, Anti-oxidants, Pre – and Probiotics, Joint, Immune & Cardiovascular Support, Ulcer Prevention, Hair/Coat/Hoof Condition, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



TRAINERS DELIGHT

Textured

This traditional natural, whole grain based performance feed is ideal for light to moderate work or horses that require quick bursts of energy.

Textured, Anti-oxidants, Pre – and Probiotics, Joint, Immune & Cardiovascular Support, Ulcer Protection, Hair/Coat, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



SUPPLEMENTS

DR. CHEEKE'S YQ+

**Intensive
Gut
Therapy**

Natural and fast acting. Quickly corrects digestive issues caused by stress, travel, reproduction, dietary/environmental changes and medication. YQ+ addresses the entire G/I tract from ingestion to elimination. Feed attractants and appetite stimulants aid in feed consumption. Use daily or as needed to manage specific situations.



EQUIPSYLL

**Great
Value**

California's sandy soils increase the chance of a colic episode. Routine treatments to remove sand from the gut prevent build up and expensive vet bills. Highly palatable, EquiPsynll requires no mixing and is easy to measure and feed. Our 50# bags are ideal for multiple horses.

Pelleted, Psyllium, Beet Pulp & Red Bran.

RICE BRAN PLUS PELLETS

**Naturally
Preserved**

Rice Bran is commonly used for weight gain and improving coat condition. Raw rice bran becomes rancid in high temperatures and has an inverted Calcium: Phosphorus ratio. Rice Bran Plus is naturally preserved to prevent rancidity, mineral balanced for horses and provides a cost effective alternative to stabilized rice bran.

Pelleted, naturally preserved, and mineral balanced.

KING
Means Quality
SINCE 1938

Equi-Psynll Pellets

Natural Dietary Fiber Supplement for Horses

Psyllium, Beet Pulp and Red Bran

- Supports Healthy Digestive Function
- Aids in Removal of Sand

NET WT 4.98 KG (11 LB)

Manufactured by
L.A. Hearne Company
King City, CA 93950
800.253.7346 www.king-brand.com



RANCH FAVORITES

Whether your ranch is private or offers boarding, one horse or twenty or more...these feed room staples make daily feeding (and treats!) healthy and convenient.

G/I BIG BITES

**Perfect
for
Training**

A healthy treat that promotes daily digestive and immune health.

Large Pellet, Anti-oxidants, Pre – and Probiotics, Immune Support, Fiber, Natural Parasite Management, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.



TOTAL BALANCE

**All
Life
Stages**

One feed fits all! Formulated for growth, moderate work, pregnancy and lactation. Total Balance is perfect for ranches, stables or rescues that desire to minimize the number of feeds and supplements in their feed program.

A complete feed; Total Balance may be the sole daily ration. Pelleted, Anti-oxidants, Prebiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids, Complete Feed.

WEIGHT GAIN: A CASE STUDY

The most frequent nutrition request we receive is how to add weight to a horse. While the situation may vary: a malnourished rescue, a senior, an increased work load; the process for developing a balanced nutrition program that produces the desired weight gain is the same.

Before adjusting the diet for weight gain; it is important to evaluate, eliminate or correct issues that may be preventing weight gain.

- (1) **Teeth condition/chewing capability.** Verify that the horse has the ability to properly chew and break down forage.
- (2) **Intestinal Parasites.** Verify that the horse does not have worms.
- (3) **Correct Nutrition.** Verify that the diet provides enough daily energy (calories) for the horses' weight, workload and lifestage.

Once these issues have been addressed, the diet can now be adjusted for weight gain. Our field tested and proven weight gain program (based on a 1000 lb horse) includes a balanced, daily diet supplemented with the following:

- (a) **1 pound of Dr. Cheek's YQ+.** Corrects and adjusts digestive system for optimum digestion and uptake of nutrition.
- (b) **2 pounds of Ultra 20/20.** Adds incremental calories for weight gain.

After 30-45 days, progress is reviewed and the amount of Dr. Cheek's YQ+ and Ultra 20/20 are adjusted to achieve the desired weight and condition.



23 year old mare.



After 6 weeks following King Feeds Weight Gain Program.



Scan for Nutritional Information
on all our products.

**Consistent Quality
and Performance**

*King Feed is highly sought
after and recommended
by professionals.*



KING Feeds

Division of L.A. Hearne Company

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