



**Consistent Quality
and Performance**

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



KING Feeds
Division of L.A. Hearne Company

512 Metz Road, King City, CA 93930
800.253.7346 www.king-brand.com

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**A Complete
Line of Equine
Nutritional
Feeds**





One Family. Trusted for Generations.

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.

The King™ brand is synonymous with quality and King™ feeds are recognized and sought after by professionals 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 to add expensive supplements.

King Feeds was the only California feed mill (and one of only 4 nationwide) that participated in The Horse Journal's nation wide survey on industry practices to ensure safe and quality equine feeds. The Horse Journal applauded the participants "as they clearly realize how much it benefits you to know what steps they take to protect your horse".

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 critical role in a variety of metabolic processes. Horses can synthesize some water soluble vitamins (i.e., B), however, daily stress from growing, training and reproduction typically require additional daily supplementation while fat soluble vitamins (i.e., A, E) must come from dietary sources.
- The right balance of Calcium and Phosphorus is critical for healthy bone development and to prevent the formation of stones. Copper and zinc are the foundation of healthy hooves while sodium and potassium regulate hydration and muscle control. These and other trace minerals ensure optimal support.
- Derived from protein, amino acids are the body's building blocks. Guaranteed levels of the essential amino acids support hair, coat, hoof and muscle development.

A Healthy Gut. The equine digestive system is both unique and sensitive; so maintaining optimum gut health reduces the risk of colic and promotes health and longevity.

- **Prebiotics.** Yeast serves as a food source for good bacteria which stimulates their growth, development and digestive performance.
- **Probiotics.** Our direct fed microbial cultures are **heat stable, live bacteria.** These bacteria are critical for maintaining the correct pH in the intestine, production of B vitamins and efficient digestion of starch.

Total Equine Optimization

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

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

Essential Nutrients and Nutraceuticals improve health and performance.

King Equine feeds are enhanced with a blend of essential nutrients and powerful nutraceuticals providing a balanced, natural approach to health and wellness while simplifying and reducing costs of supplement programs.

The Value of King Feeds.

There can be dramatic differences in the quality, benefits, performance and costs of equine feeds. To ensure you are getting the best value, it is important to consider **the daily cost of feed vs. the bag cost**. Below are a few examples of how the quality and value of King Equine Feeds translates to cost effective feed solutions.

Example #1: Calorie Dense

Our ingredients are selected for quality and performance resulting in feeds that are energy dense (*more energy or calories per pound*) so **you may feed** less than other feeds.

DIET: **Grass Hay Pellets**

800 Calories/pound

Daily Feed Amount*

19 Pounds

Total Daily Calories: 15,200



DIET: **King Total Balance**

1200 Calories/pound

Daily Feed Amount*

13 Pounds

Total Daily Calories: 15,600

+ essential vitamins, minerals and amino acids and balanced daily protein.

*Based on daily National Research Council's Equine Nutritional Requirements for a 1000 pound horse at maintenance.



Example #2: Enhanced with Essential Nutrients and Nutraceuticals for Health and Wellness

King Equine Feeds are enhanced with essential nutrients and nutraceuticals to support health and longevity, minimizing the need to supplement which reduces overall feed costs and simplifies daily feeding.

Daily Forage Based Diet
Supplemented w/
King ULTRA 20/20

Contains

Pre and Probiotics (*digestion*)

Omega 3's (*skin/coat*)

Copper, Zinc, Biotin (*hooves*)

Lecithin (*ulcer prevention*)

Vitamins, Minerals

Herbs (*Immune, Digestive, Circulatory*)

Daily Cost of Supplement:

\$1.77

Supplemented Daily Forage Diet w/
Popular On Line Supplements

\$0.71/day

\$0.75/day

\$0.58/day

\$0.86/day

\$0.43/day

\$1.36/day

Daily Cost of Supplements:

\$4.69

*Based on manufacturer recommended feed amounts and product costs as of April 2013.

Benefits of Using Pelleted Feeds in the Equine Diet

It is common to want a horse's diet to be as natural as possible with the use of forage. However, pelleted feeds have proven to be effective alternatives and additions when equine health or forage availability/quality are compromised.

Ease of handling

Pelleted feeds are typically bagged in 50# bags so they are lighter and easier to handle and transport than baled hay.



Minimal Feed Loss

Whether it's transferring to a storage container or a feed bucket, pellets eliminate the mess and feed loss associated with hay.

Eliminates Guess Work

Pellets are easy to measure and weigh ensuring accurate feed amounts and minimizing health risks associated with under or over feeding a horse.

Minimal Dust

Pellets are an excellent choice for horses with allergies or respiratory ailments.

Improved Consumption

Horses cannot pick out what they don't want, pellets contain blended ingredients ensuring a balanced and nutritious diet.

Versatile

Pelleted feeds come in a variety of formulas to address a wide range of dietary, performance and health needs.

Certified Weed Free

King™ equine feeds are certified weed free by the Monterey County Agricultural Commissioner and may be used on National Forest Service (NFS), Bureau of Land Management (BLM) and National Park Service (NPS) lands in California.

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 Performance concentrated feed supplement to the daily diet provides the extra energy and support for all major systems to achieve optimum performance results.

ULTRA 20/20

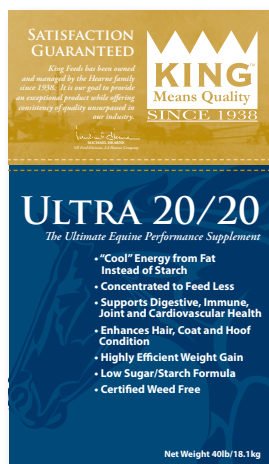
This concentrated high protein/high fat supplement is calorie dense and ideal for horses performing at high levels or long periods of work. It is also an excellent choice for low sugar/starch diets.

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.

(Protein 20%/Fat 20%/1700 Calories/lb)

Daily Ration: 1- 6 lbs per day + **hay**

Great for
Weight
Gain



TRAINERS DELIGHT

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/Hoof Condition, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids.

(Protein 14%/Fat 7%/1440 Calories/lb)

Daily Ration: 0.5 –1 lb per 100 lbs/BW + **hay**

HAY BALANCERS

Forage is the primary component of the equine diet. Forage selection is based on many factors including availability, price, health concerns and owner preference. Forage nutrition varies based on the type of forage and how it's grown. King Hay Balancing supplements are designed to overcome the inherent nutritional deficiencies in forage to create a balanced diet for optimum health and performance.



CARBORAIDER CONCENTRATE

Designed for grass and grain hay based diets, CarboRaider Concentrate improves protein levels in these hays and provides a concentrated source of energy to minimize “hay belly”. CarboRaider Concentrate is a low sugar/starch supplement and is an ideal choice for prevention or early stages of Cushings, IR and Laminitis.

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

(Protein 18%/Fat 7%/1200 Calories/lb)

Daily Ration: 0.7–1.4 lb per 100lbs/BW + **Grass or Grain hay**

Low
Sugar/
Starch

ALFA-MATE PLUS

Designed for alfalfa based diets, Alfa-Mate Plus reducing daily protein and adjusts the Calcium:Phosphorus ratio reducing the risk of enteroliths (stones).

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

(Protein 11%/Fat 6.5%/1380 Calories/lb)

Daily Ration: 0.4 -1lb per 100lbs/BW + **Alfalfa**

LIFE STAGES

As a horse develops, matures and ages; the nutritional requirements are different than those of a mature adult. King Life Stage Feeds are designed to provide the extra nutrition and support required at each stage.

MARE AND FOAL

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.

(Protein 18%/Fat 7% /1400 Calories/lb)

Mare Daily Ration: 0.3 – 0.8 lb per 100 lbs/BW + **hay**
Foal/Weanling/Yearling: 0.5 – 1.5 lbs per 100 lbs/BW + **hay**

Great for
Weanlings &
Yearlings

JUNIOR DELIGHT

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.

(14% Protein/5% Fat/1460 Calories/lb)

Daily Ration: 0.6-1.3 lbs per 100 lbs/BW + **hay**

Textured

SENIOR DELIGHT

As a horse ages, chewing, digestive, weight and joint issues begin to appear. Senior Delight is designed to minimize the affect these issues have on condition and performance. A soft crumble, it is ideal for horses with no teeth or chewing issues. The vegetable oil-molasses blend minimizes dust for horses with respiratory issues and is highly palatable for even the finickiest of eaters. **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, **Complete Feed.**

(Protein 14%/Fat 4%/1210 Calories/lb)

Daily Ration: 1.5 lbs per 100 lbs/BW

Great for
Horses w/Teeth
or Chewing
Issues



CARBORAIDER SENIOR

High sugar/starch diets are linked to Cushings, IR, Metabolic disorders and Laminitis. Seniors with these disorders or who may be candidates for these diseases will benefit from a diet of CarboRaider Senior. This low sugar/starch feed allows for complete dietary control of the sugar/starch levels while providing support to minimize the physical aspects of aging. **A complete feed; Carboraider Complete may be the sole daily ration.**

Pelleted, Low Sugar/Starch, Anti-oxidants, Pre – and Probiotics, Joint Support w/Glucosamine & Yucca, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids, **Complete Feed.**

(Protein 14%/Fat 5%/1070 Calories/lb.
NMT Starch 4%, NMT Sugar 7%)

Daily Ration: 1.5 – 2.5 lbs per 100 lbs/BW

Low
Sugar/
Starch



TOTAL BALANCE

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 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.**

(Protein 14%/Fat 4.5%/1200 Calories/lb)

Daily Ration: 1.5 lbs per 100 lbs/BW

Good for
any age and
moderate
work

SPECIAL NEEDS

Diet can be a key component to managing equine ailments and King Special Needs feeds are designed to help promote health and manage the physiological effects of the disorders.

LOW POTASSIUM PELLET

HYPP is a genetic disorder that can be traced back to the champion quarter horse, Impressive. Attacks seem to be brought on by stress and involve varying degrees of paralysis. A low potassium diet can help prevent attacks.

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

(Protein 16.5%/Fat 9%/1370 Calories/lb)

Daily Ration: 0.5– 1.0 lb per 100 lbs/BW + hay

Ideal for
HYPP
horses

CARBORAIDER COMPLETE

Excess sugar/starch are the primary nutritional culprits in Cushings, IR, 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; Carboraid Complete may be the sole daily ration.**

Pelleted, Low Sugar/Starch, Anti-oxidants, Pre – and Probiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids, **Complete Feed.**

(Protein 14%/Fat 5%/1100 Calories/lb.
NMT Starch 5%, NMT Sugar 8%)

Daily Ration: 1.5– 2.5 lbs per 100 lbs/BW

Low
Sugar/
Starch

CARBORAIDER LOW CAL

Certain breeds of horses are prone to weight gain due to slower metabolisms including miniatures, drafts, donkeys and mules. In attempting to manage their weight, many owners inadvertently contribute to health issues due to a lack of balanced nutrition. Carboraid Low Cal is a complete feed with reduced calories for a well balanced weight management program. **A complete feed; Carboraid Low Cal may be the sole daily ration.**

Pelleted, Low Sugar/Starch, Reduced Calories, Anti-oxidants, Pre – and Probiotics, Guaranteed Levels of Vitamins, Minerals & Essential Amino Acids. **Complete Feed.**

(Protein 13%/Fat 3%/900 Calories/lb.
NMT Starch 3%, NMT Sugar 6%)

Daily Ration: 1.5 lbs per 100 lbs/BW

Great for
Weight
Loss

SUPPLEMENTS

DR. CHEEKE'S YQ+

Intensive
Gut
Therapy

Fast response for correcting digestive issues associated with diarrhea, stress, weight gain, medication and dietary changes. Daily use provides immune, digestive, respiratory, cardiovascular, hair/coat & hoof support, and guaranteed levels of Vitamins, Minerals & Essential Amino Acids.

Daily Ration: 1-2 lbs. per day



EQUIPSYLL

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, EquiPsyll requires no mixing and is easy to measure and feed. Our value sized bags are ideal for multiple horses.

Pelleted, Psyllium, Beet Pulp & Red Bran.

Monthly Ration: 0.5 lb/day for 7 days.

COMPARE!*

Popular Brand Sand Colic Prevention: \$39.95/monthly dose

King EquiPsyll: \$8.28/monthly dose

*Based on published product costs as of April 2013.

RICE BRAN PLUS

Rice Bran is commonly used for weight gain and improving coat condition. Raw rice bran is unstable and rancidity is always a risk while stabilized Rice Bran is expensive. Rice Bran Plus is naturally preserved and mineral balanced providing a stable and cost effective solution.

Pelleted, naturally preserved, and mineral balanced.

Daily Ration: 0.2–0.3 lb per 100 lbs/BW + hay

Naturally
Preserved

SPECIALTY FEEDS

FREEDOM EQUINE PELLETS

King Freedom Feeds are GMO/Soy and Corn Free. Designed for those owners with environmental and health concerns about the use of traditional feed processes and ingredients; Freedom contains no artificial dyes, flavors or preservatives and is enhanced with a blend of essential nutrients and powerful nutraceuticals to promote health and vitality.

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

(Protein 14%/Fat 4.5%/1360 calories/lb)

Daily Ration: 0.5 - 1.0 lb/100lb BW depending on activity level & life stage. Feed with grain hay for maintenance or grass hay (or 50:50 grain hay:alfalfa) for work, growth and lactation.



HEALTHY HORSE TREATS

G/I BIG BITES

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.

Daily Ration: 1/4–1/2 lb per day

Perfect
for
Training



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 break down 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.



36 year old



6 weeks following King Feeds Weight Gain Program.