

DAIRY & BEEF FEEDS

Prince Feeds offers products from calf starters to growers to lactation diets. In addition to our standard products, Prince manufactures private labeled calf starter and lactation diets for multiple customers.

Calf products are available with either chlorotetracycline (CTC) or decoquinatone (Decox). Growing rations are available with either Bovatec or Rumensin. Lactation diets are available in a range from all-natural plant based to economical form using a combination of plants and urea.

Located in the center of the traditional dairy industry, Prince Feeds' reputation for quality feeds is based upon the success our customers experience with our dairy feeds and their production.

GROWING CATTLE FEEDS

CALF STARTER AND GROWER PRODUCTS

Prince manufactures texturized feeds for use in growing calves. These feeds are a blend of prepared pellets containing all the needed minerals, vitamins and selected medications, along with high quality oats and steam flaked corn with a molasses based liquid feed to encourage feed intake resulting in superior growth.

• 32% CALF CONCENTRATE WITH DECOX PELLETT - (#001174)

Prince 32% Calf Concentrate can be used to manufacture calf starter or grower feeds, or be fed as a top dress. Prince's 32% calf concentrate uses a variety of protein sources to give the growing heifer the necessary amino acids for growing muscle.



PRODUCT OFFERINGS

Prince offers a variety of dairy products to meet both different life stages and management options, from complete feeds to protein concentrates to base mineral mixes.

Prince concentrate feeds provide proteins, minerals and vitamins for both blending into texturized calf feeds by regional blenders, or protein concentrates for use on the farm in developing lactation diets.

Prince mineral products provide the minerals and vitamins to supplement a variety of diets. Minerals can either be incorporated into the feed or provided on a free choice basis.

LACTATING DAIRY CATTLE

Prince offers a variety of feeding options to meet the needs of lactating dairy cattle. Our natural dairy pellet is designed to provide crude protein, trace minerals and vitamins that can match the needs and desires of today's dairy producer.

• **38% PROFIT BLEND - (#001234)**

Provides a dairy supplement that takes advantage of the bypass ability and the excellent amino acid balance of porcine meat and bone meal to support superior milk production. Profit blend 38 also contains plant protein sources that provide both nitrogen for the rumen bacteria and additional bypass proteins.

• **37% NATURAL DAIRY - (#001187)**

Provides a mixture of plant protein sources to provide a bypass source of methionine and lysine, the two most often "limiting" amino acids in milk production. 37% Natural Dairy provides chelated minerals to help support immune function which is necessary in today's high producing dairy cattle.

COMPLETE DAIRY FEEDS

Complete dairy feeds refer to the grain portion of the dairy cow's diet. These feeds are designed to provide not only the vitamins, minerals and additional protein, but also a significant portion of the energy needs of the dairy cow. As the concentrate portion of the diet, these feeds can be a significant portion of the diet. We recommend not feeding any of these products at more than 50% of the diet. Actual feeding rates will depend upon forages being used, body size and condition, and milk production.

• **BULKY SWEET 14% - (#001189)**

Provide a source of fiber but do not alleviate the need for forages in the diet. The protein requirements of cattle in milk production will require a forage source with a greater protein content (>20%) typical of alfalfa or other legumes when using Sweet Bulky products with 14%.



BEEF CATTLE

Beef Cattle can be raised using the feeds listed in the Dairy section above. Beef heifers, as dairy heifers, should be fed to reach sexual maturity by 15 months of age for calving at 2 years of age without gaining excess weight that can impair future milking ability.

- **40% BEEF CONCENTRATE - (#001301)**

Is designed for finishing cattle. Given the greater grain feeding, beef cattle can utilize urea to meet a large portion of their protein needs and consume a more cost effective diet. Finishing cattle consuming diets over 85% concentrate should also consider using a buffer such as Prince Buffer Pak. The pelleted form reduces separation when mixed in corn diets and reduces feed losses.

- **40% CATTLE BOOSTER - (#001303)**

A medicated feed intended for beef feedlot cattle being finished for market. This pellet contains prevention and control of coccidiosis in growing cattle on pasture or in dry lot.

- **34% ALL PURPOSE BASE PELLETT - (#201315)**

This non-medicated pellet is intended to be used in formulations of all classes of dairy, goats, beef, and horses.

VITAMIN MINERAL SUPPLEMENTS

Prince provides a number of products that provide the minerals and vitamins for cattle. Minerals can either be added to grain mix or used in manufacturing feed. Mineral products can also be provided on an ad libitum (free choice) basis.

- **PRINCE PREMIUM MINERALS -**

Minerals are available in different calcium to phosphorus ratios. Although animals can accept variations, historically nutritionist and producers have tried to keep the Ca:Phos ratio of the final diet between 1:1 and 2:1. Premium minerals do not include any salt.

- **Premium 1:1 Mineral (#044757)** – For cattle consuming diets high in alfalfa will be receiving significant amounts of calcium from the forage and should be fed the 1:1 ratio mineral.

- **Premium 2:1 Mineral (#044758)** - For cattle receiving grass or mixed hay or a limited amount of corn silage.





• **PRINCE ECONO MINERAL - (#201337)**

Prince Econo-Mineral is a multi species economy mineral. It has no added copper so it can be fed to sheep. This product contains 25% Calcium 6% Phosphorus and 10% salt. It has no added selenium or vitamins. It is designed to add the major minerals and an additional selenium source might be need to be added. This mineral can be fed free choice or topdressed to all species. For sheep and goats, typically feed 1-2 oz/hd/day. Feed as a topdress 2-4 oz/hd/day and for dairy, beef, and replacement heifers, and horses. For producers who are looking for a low cost mineral supplement this is your step up from using straight dical. This product also can be used as an economic deer mineral supplement.

• **SELENIUM PLUS & VITAMIN E - (#001426)**

Both selenium* and Vitamin E are important for maintaining proper immune function. Many nutritionists recommend 1000 to 1500 units of Vitamin E for early lactation/high producing cows. Supplementing individual cows or a "high" group rather than supplementing the entire herd may be the best way of meeting the needs of cows without over supplementing cows that would not benefit from the additional nutrients.

Prince manufactures a Vitamin E supplement to provide 20,000 units per pound, ex - 1 lb will provide 1000 IU per 20 head per day.

**FDA regulations limit the amount of selenium to 0.3 ppm (0.3 mg per kg) of the final diet.*

• **VITAMIN A, D & E SUPPLEMENTS - (#044773)**

The fermentation occurring in the rumen of cattle provides the water soluble vitamin (B-vitamin) needs of most cattle. However today's dairy cows production levels require the supplementation of the fat soluble Vitamin A, D and E. Prince manufactures two different fat soluble vitamin supplements.