

# Llama & Alpaca Concentrate

## By BUCKEYE® Nutrition

TYPE OF FEED: Concentrate  
FORM OF FEED: 1/8" or mini pellets and crumbles  
PACKAGING: 50 lb paper bags  
SPECIES: Llama and alpaca  
AGES: Mature, nursing mothers, sucklings, and weanlings

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### FEATURES:

- Formulated to be fed to mature animals with grass forages (pasture, hay, or browse) and to nursing mothers, sucklings and weanlings with mixed forages (maximum of 30% alfalfa)
- Mini-sized pellet (small in diameter) to reduce possibility of choking, a problem often associated with these animals
- Also available in a crumble, preferred by some breeders
- Contains relatively high levels of Zinc, Selenium, Vitamin E, Niacin, and Thiamin
- 40% of the guaranteed Selenium in this product comes from Selenium Yeast, a source of Selenomethionine for improved utilization of Selenium

### GUARANTEED ANALYSIS:

|                              |         |                     |               |
|------------------------------|---------|---------------------|---------------|
| Crude Protein, Min.          | 15.00%  | Cobalt (Co), Min.   | 2.0 ppm       |
| Crude Fat, Min.              | 5.00%   | Iodine (I), Min.    | 1.5 ppm       |
| Crude Fiber, Max.            | 15.00%  | Selenium (Se), Min. | 1.7 ppm       |
| Calcium (Ca), Min. 2.0% Max. | 2.5%    | Vitamin A, Min.     | 22,000 IU/lb. |
| Phosphorus (P), Min.         | 1.50%   | Vitamin D, Min.     | 6000 IU/lb.   |
| Salt (NaCl), Min. 0.70% Max. | 2.5%    | Vitamin E, Min.     | 350 IU/lb.    |
| Iron (Fe), Min.              | 275 ppm | Thiamin, Min.       | 170 mg/lb.    |
| Copper (Cu), Min.            | 45 ppm  | Niacin, Min.        | 1,000 mg/lb.  |
| Zinc (Zn), Min.              | 600 ppm |                     |               |

**INGREDIENTS:** Soybean Hulls, Wheat Middlings, Heat Processed Soybeans, Dehulled Soybean Meal, Corn, Maize Distillers Dried Grains, Cane Molasses, Calcium Phosphate, Calcium Carbonate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Salt, Manganous Oxide, Ferrous Carbonate, Copper Sulfate, Zinc Methionine Complex, Zinc Oxide, Zinc Sulfate Cobalt Carbonate, Ethylenediamine Dihydriodide, Selenium Yeast, Sodium Selenite, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement, Thiamine Mononitrate, Niacin, Menadione Nicotinamide Bisulfite, Pyridoxine Hydrochloride, Vitamin B12 Supplement, Folic Acid, Biotin, Choline Chloride, Riboflavin, Calcium Pantothenate.

Pellets (Liquid Molasses Inclusion): Vegetable Fat Product (Feed Grade), Lecithin, Glycerin, Phosphoric Acid, Propionic Acid, Sodium Benzoate, Sulfuric Acid, Natural and Artificial Flavor.

**FEEDING DIRECTIONS:** Because of the wide range of sizes in Llamas and Alpacas, their growth rates will vary according to their potential mature size. Therefore, the amount of Llama & Alpaca Concentrate by BUCKEYE® Nutrition to feed per day is dependent upon size, age and physiological status. Due to the “easy keeping” characteristics of llama and alpaca, very little grain should be fed per day. However, the nutrients necessary for normal skeletal development and good health must be maintained. Llama and Alpaca Concentrate contains all nutrients needed for optimum growth (cartilage formation, transformation of cartilage to bone and tendon elasticity). Each lb of Llama & Alpaca Concentrate also contains 1-1/2 grams of Zinc Methionine Complex for optimal skin condition. Grass forage (pasture, hay or browse) should be made available to the animals at all times since it is the major contributor of energy and fiber in the diet. The nutrients in grasses will vary depending on maturity when eaten. The protein in grass hay will vary from 4.0% to 12.0%, the calcium from 0.2% to 0.6% and the phosphorus from 0.1% to 0.25%. The desired total ration balance of calcium to phosphorus is 1.2 to 1, with a maximum ratio of 2 to 1. Feed Llama and Alpaca Concentrate to provide the protein and balance the minerals and vitamins. Early consumption of Llama and Alpaca Concentrate by the suckling should be encouraged to reduce problems associated with inadequate mineral intake and utilization. Llama and Alpaca Concentrate contains significant levels of Thiamin and Niacin as an aid in the prevention of metabolic problems associated with their deficiency. Selenium (an integral part of glutathione peroxidase) and Selenium Yeast are added to the legal limit allowed by law along with high levels of Vitamin E. Both work together as antioxidants at the tissue level, aiding muscle function, reproduction, and general metabolism.

**BUCKEYE LLAMA & ALPACA CONCENTRATE**

Pounds of Llama & Alpaca Concentrate to feed per day

**ALPACA**

| <b>GROWTH</b>                    | <b>WEIGHT RANGE-LBS</b> | <b>AVE. WEIGHT</b> | <b>CONCENTRATE LBS/DAY</b> | <b>HAY LBS/DAY</b> |
|----------------------------------|-------------------------|--------------------|----------------------------|--------------------|
| <b>SUCKLING</b>                  |                         |                    | FREE CHOICE                | FREE CHOICE        |
| <b>WEANLING</b>                  | 45 -70                  | 55                 | 0.35                       | 1.0                |
| <b>YEARLING</b>                  | 65-100                  | 80                 | 0.50                       | 1.5                |
| <b>2 YR. OLD</b>                 | 95-150                  | 120                | 0.50                       | 2.0                |
| <b>MATURE</b>                    | 125-175                 |                    |                            |                    |
| <b>Maintenance</b>               |                         | 135                | 0.50                       | 2.5                |
| <b>Pregnant (last trimester)</b> |                         | 140                | 0.75                       | 2.0                |
| <b>Nursing</b>                   |                         | 140                | 0.75                       | 3.0                |

**LLAMA**

| <b>GROWTH</b>                    | <b>WEIGHT RANGE-LBS</b> | <b>AVE. WEIGHT</b> | <b>CONCENTRATE LBS/DAY</b> | <b>HAY LBS/DAY</b> |
|----------------------------------|-------------------------|--------------------|----------------------------|--------------------|
| <b>SUCKLING</b>                  |                         |                    | FREE CHOICE                | FREE CHOICE        |
| <b>WEANLING</b>                  | 90-175                  | 130                | 0.75                       | 3.0                |
| <b>YEARLING</b>                  | 130-255                 | 185                | 1.00                       | 3.5                |
| <b>2 YR. OLD</b>                 | 190-370                 | 270                | 1.00                       | 4.5                |
| <b>MATURE</b>                    | 225-450                 |                    |                            |                    |
| <b>Maintenance</b>               |                         | 335                | 1.25                       | 5.5                |
| <b>Pregnant (last trimester)</b> |                         |                    | 350                        | 2.00 5.0           |
| <b>Nursing</b>                   |                         | 350                | 2.00                       | 7.0                |

The amounts of Buckeye Llama & Alpaca Concentrate listed in the above chart are calculated at 1 lb of concentrate per 175 lb of body weight for the growing and nursing animals, and 1 lb per 250 lb for other mature animals. If more calories are needed, add Buckeye Goat Feed up to one half the weight of Buckeye Llama & Alpaca Concentrate.