

# TOTAL BULL®

A Total Supplement for Bucking Bulls and  
all other Bovine

**Caution: FEED AS DIRECTED**  
**Guaranteed Analysis**

<b>Protein, (minimum)</b>	<b>14.00</b>
<b>Fat, (minimum)</b>	<b>5.00</b>
<b>Fiber, (maximum)</b>	<b>14.00</b>
<b>Calcium, (minimum)</b>	<b>1.00</b>
<b>Calcium, (maximum)</b>	<b>1.50</b>
<b>Phosphorus, (minimum)</b>	<b>0.60</b>
<b>Salt, (minimum)</b>	<b>0.25</b>
<b>Salt, (maximum)</b>	<b>0.50</b>
<b>Potassium, (minimum)ppm</b>	<b>0.90</b>
<b>Vitamin A, (minimum)</b>	<b>7,500IU/l</b>

## Ingredients

Ground Corn, Dehydrated Alfalfa Meal, Wheat Middlings, Parboiled Rice Bran, Roughage Products (8%), Soybean Meal, Extruded Soybean Meal, Dried Kelp Meal, Calcium Carbonate, Salt, Dicalcium Phosphate, Magnesium Limestone, Magnesium Oxide, Monocalcium Phosphate, Manganese Amino Acid Chelate, Zinc Amino Acid Chelate, DL-Methionine, Biotin Supplement, Vitamin E Supplement, Copper Amino Acid Chelate, L-Lysine Monohydrochloride, Zinc Hydroxychloride, Manganese Hydroxychloride, Copper Hydroxychloride, Ascorbic Acid, Niacin Supplement, Thiamine Mononitrate, D-Calcium Pantothenate, Yucca Schidigera Extract, Sodium Selenite, Vitamin A Supplement, Pyridoxine Hydrochloride, Vitamin B12 Supplement, D-Activated Animal Sterol (a source of D3 activity), Ferrrous Carbonate, Cobalt Carbonate, Ethylenediamine Dihydroiodide, Folic Acid, Lactobacillus acidophilus fermentation product dehydrated, Lactobacillus casei fermentation product dehydrated, Bifidbacterium thermophilum fermentation product dehydrated, Enterococcus faecium fermentation product dehydrated and Vegetable Oil.

**Manufactured for and guaranteed by:**

**Total Feeds, Inc.**  
**PO Box 3090**  
**Weatherford, TX 76086**  
**620-272-1065**



R. Harry Anderson, PhD  
620-272-1065  
harry@totalfeeds.com

[www.totalfeeds.com](http://www.totalfeeds.com)

Total Bull® is a complete, extruded supplement for bucking bulls and all other bovine; formulated to provide the essential nutrients for maximum health, growth, muscle power and reproduction. Ingredients used in Total Bull® are of the highest quality and provide excellent bioavailability of nutrients to the animal.

Local Distributor:



**A COMPLETE NUTRITIONAL PACKAGE FOR ALL  
BOVINE AT ALL AGES AND ACTIVITY LEVELS**

- Palatable**
- Convenient to Feed**
- Control of Body Temperature  
During Heat Stress**
- Improves Immunity**
- Consumes Less Hay**



## Protein

The protein in Total Bull<sup>®</sup> is derived from all natural sources.

## Energy

The energy in Total Bull<sup>®</sup> is derived from highly available starch and fiber in extruded grain and fiber. The extrusion process improves digestibility of both starch and fiber. The main source of fiber is derived from alfalfa. Soluble starch turns to sugar, which increases bacterial growth in the rumen. Sugar is the best source of carbon units for the micro flora in the rumen to use with ammonia from the breakdown of the natural protein to use in building new cells.

## Major Minerals

Calcium, phosphorus, magnesium and potassium are critical major minerals for growth, reproduction and lactation. They are required in specific ratios and levels for maximum performance. Total Bull<sup>®</sup> is formulated to contain these critical minerals at levels and ratios for all conditions.

## Trace Minerals

Trace minerals act as catalysts for most chemical reactions in the animal's body. All feedstuffs contain trace minerals, but the levels are variable and the bioavailability of each is not well known. Inadequate trace mineral intake can result in slow growth, low reproductive performance and inadequate immune function. Total Bull<sup>®</sup> is formulated to meet not only minimum, but optimum levels of trace minerals for maximum performance. To insure adequate bioavailability, Total Bull<sup>®</sup> contains a minimum of 50% of the copper, manganese and Zinc as Amino Acid Chelates; which is the most bioavailable form known.



## Vitamins

Vitamins act as catalysts and antioxidants to start chemical reactions in the body and reduce cell aging and destruction. Total Bull<sup>®</sup> contains levels of vitamins A & E that assist in preventing cell destruction due to oxidative chemicals from the environment and from metabolic by-products. Theoretically a ruminant animal does not require B-complex vitamins for good performance. However, Total Bull<sup>®</sup> contains a broad spectrum of B-complex vitamins to maximize the growth of the micro flora in the rumen; which improves the digestibility of the fiber in the ration.

## *Ascophyllum nodosum*

Total Bull<sup>®</sup> contains Tasco<sup>™</sup> brand of *A.nodosum*; which is documented by science to improve immune function, improve heat stress resistance, improve fiber digestibility, improve milk production, improve carcass quality and control *E. coli* in the large intestine. Producers also report improved definition, improved semen quality and improves conception rates.

## Extrusion

Physical processing of feed makes a great difference in the digestibility of the major ingredients and the bioavailability of micronutrients. The extrusion process is one that prepares ingredients with a high temperature and moisture and then exposes them to an extreme pressure to expose the starches and fibers. This in turn provides a greater surface area for enzymes and bacteria to attach to, which accelerates the digestive process. Extrusion maximizes the digestibility of feed.

## Feeding Directions

Feed Total Bull<sup>®</sup> at a rate of 0.25 minimum to 0.5 maximum percent of bodyweight per day along with free-choice hay. Supply clean, fresh water free-choice. Offer free-choice salt at all times.