



# Bluebonnet Feeds EX-Factor<sup>®</sup> — Low Starch — with Intensify<sup>®</sup> Technology Extruded

## Purpose:

*Intensify<sup>®</sup> Ex-Factor Low Starch is an extrusion cooked feed that is highly digestible. This product contains “Intensify Technology” and may be used for growth, performance, breeding and maintenance horses of all ages. This product contains very low levels of non-structural carbohydrates which makes it ideal for horses with starch and sugar sensitivities. The extrusion cooking process makes the nutrients in this feed very easy for the horse to digest and absorb.*

## Features & Benefits of Intensify Technology

Feature	Benefit
True Name Ingredient List	Ingredients are listed by specific names, not as “by-products”. This creates a consistent and reliable feed and ensures ingredients don't change with the commodity markets.
Guaranteed Levels of added Prebiotics and Probiotics	Prebiotics and Probiotics improve stability of the microbial population in the hind gut, which is essential to a healthy digestive tract and proper nutrient utilization.
Natural Digestive Enzymes	Enzymes are the “keys” that help a horse break down certain nutrients. Each nutrient requires a unique “key” or enzyme. We have added specific enzymes to this feed to improve the absorption and use of important nutrients.
Chelated Trace Minerals	Chelated minerals are bound to an organic molecule which is very small in size compared to a mineral bound to an inorganic molecule. The small size and organic form of a chelated mineral makes it easier for the horse to absorb and use within the body.
Organic Selenium Yeast & Elevated Vitamin E Levels	Selenium and Vitamin E work together to help prevent instances of PSSM or “Tying Up” which can be a common problem in certain breeds and disciplines. Organic Selenium Yeast is used so that the body can easily absorb the needed amount of selenium without risking toxicity.
Calories Provided by “Cool Energy” Sources	“Cool Energy” calories are derived from fat sources such as rice bran, vegetable oil, and flaxseed which is rich in omega 3 fatty- acids. Research shows that when calories are provided from fat sources horses tend to be less excitable and have better endurance.
Kelp Seaweed	Kelp seaweed is the world's most valuable and concentrated source of micronutrients. Every metal mineral can be found in kelp.
Biotin & Guaranteed B-Vitamins	Biotin is essential for growing a strong hoof wall. Research shows that adding biotin to a horse's diet improves hoof health. B-vitamins are helpful in reducing recovery time after exercise and hauling.
Yucca Extract	Yucca Extract helps reduce ammonia levels in the urine which improves air quality in the stall and can reduce the chance of respiratory stress. Yucca extract has also been shown to reduce inflammation and may be beneficial to horses that are sore or stiff.
Ingredient Testing	Raw ingredients are evaluated for quality and tested for appropriate aflatoxins and mycotoxins prior to ever being used in the feed.

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## DAILY FEEDING DIRECTIONS:

**All Horses:** Feed quality hay at a minimum of 1.5% to 2.0% of horse's body weight.

**Adult Maintenance:** Feed 0.4 lb per 100 lb body weight.

### Performance

**Light Activity:** Feed 0.5 lb to 0.6 lb per 100 lb body weight.

**Moderate Activity:** Feed 0.6 lb to 0.8 lb per 100 lb body weight.

**Intense Activity:** Feed 0.8 lb to 1 lb per 100 lb body weight.

### Breeding/Growing

**Pregnant Mares:** Feed 0.5 lb per 100 lb body weight.

**Lactating Mares:** Feed 0.6 lb per 100 lb body weight.

**Growing Horses:** Feed 0.8 per 100 lb body weight.

**Adjust feeding rates based on desired body condition and forage quality.**

## IMPORTANT FEEDING INFORMATION:

- Transition horses onto this feed gradually over 14 days.
- Increase or decrease daily feed to obtain the desired growth, weight gain or body condition.
- Offer clean fresh water and plain white salt at all times.
- Weigh feed and divide feed into two or three separate feedings for best results and safety.
- Store in cool dry area away from rodents, insects and moisture.
- Do not use feed that appears old, molded, or has an unusual odor.

**CAUTION: DO NOT FEED TO SHEEP OR COPPER SENSITIVE SPECIES.**

**INGREDIENTS:** Rice Bran, Dehydrated Alfalfa Meal, Soybean Hulls, Dried Plain Beet Pulp, Flax Seed, Calcium Carbonate, Bentonite, Magnesium Mica, Lignin Sulfonate, Condensed Grain Fermentation Solubles, Yeast Culture, Salt, Monocalcium Phosphate, Chromium Propionate, Kelp Meal, Yeast Extract, Dried Green Algae Meal, Hydrated Sodium Calcium Aluminosilicate, Sodium Bicarbonate, Active Dry Yeast, Dried Bacillus subtilis Fermentation Product, Dried Lactobacillus Acidophilus Fermentation Product, Dried Lactobacillus Casei Fermentation Product, Dried Bifido Bacterium Thermophilum Fermentation Product, Dried Enterococcus Faecium Fermentation Product, Dried Aspergillus Oryzae Fermentation Product, Dried Bacillus Licheniformis Fermentation Product, Dried Trichoderma Longibrachiatum Fermentation Extract, Dried Bacillus Subtilis Fermentation Extract, Dried Aspergillus Oryzae Fermentation Extract, Dried Aspergillus Niger Fermentation Extract, L-Threonine, Magnesium Oxide, Vitamin E Supplement, Zinc Methionine Complex, Copper Lysine Complex, Manganese Methionine Complex, Cobalt Glucoheptonate, Zinc Sulfate, Manganous Oxide, Ascorbic Acid (Source of Vitamin C), Selenium Yeast, Yucca Schidigera Extract, Fenugreek, Mineral Oil, Biotin, Vitamin D3 Supplement, Thiamine Mononitrate, Vitamin B12 Supplement, D-Calcium Pantothenate, Vitamin A Supplement, Riboflavin Supplement, L-Lysine, DL-Methionine, L-Tryptophan, (Propionic Acid, Ethoxyquin (as preservatives)), Ethylenediamine Dihydroiodide, Pyridoxine Hydrochloride, Natural & Artificial Flavors, Contains a source of live (viable) naturally occurring microorganisms.

## GUARANTEED ANALYSIS

Crude Protein	Min	12.75%	Salt	Min	0.50%
Lysine	Min	0.85%	Salt	Max	1.00%
Methionine	Min	0.25%	Copper	Min	70 ppm
Cysteine	Min	0.20%	Zinc	Min	240 ppm
Threonine	Min	0.70%	Manganese	Min	240 ppm
Tryptophan	Min	0.20%	Iron	Min	200 ppm
Crude Fat	Min	8.00%	Cobalt	Min	6 ppm
Crude Fiber	Max	15.00%	Selenium	Min	0.50 ppm
ADF	Max	22.00%	Chromium	Min	0.80 ppm
NDF	Max	32.50%	Vitamin A	Min	6,000 IU/lb
Starch	Max	7.00%	Vitamin D	Min	850 IU/lb
Sugar	Max	3.00%	Vitamin E	Min	115 IU/lb
Calcium	Min	1.75%	Vitamin B12	Min	20 mcg/lb
Calcium	Max	2.25%	Riboflavin (B2)	Min	6.00 mg/lb
Phosphorus	Min	0.75%	Thiamine (B1)	Min	9.00 mg/lb
Magnesium	Min	0.30%	Biotin	Min	0.50 mg/lb
Potassium	Min	0.90%	Ascorbic Acid	Min	50 mg/lb
			(Vitamin C)		

### PROBIOTICS

Total Active Yeast, min, 400 Million CFU/lb  
(*Saccharomyces cerevisiae*, *Kluyveromyces marxianus*)

Total Active Bacteria, min, 240 Million CFU/lb  
(*Bacillus Subtilis*, *Lactobacillus Acidophilus*, *Lactobacillus Casei*, *Bifido Bacterium Thermophilum*, *Enterococcus Faecium*, *Aspergillus Oryzae*, *Bacillus Licheniformis*)

### ENZYMES

alpha-Amylase<sup>1</sup> (*Bacillus subtilis*) min 8,000 units/lb  
Cellulase<sup>2</sup> (*Aspergillus niger*) min 1,200 units/lb  
Protease<sup>3</sup> (*Aspergillus niger*) min 330 units/lb  
beta-Glucanase<sup>4</sup> (*Trichoderma longibrachiatum*) min 90 units/lb

<sup>1</sup>Each unit will dextrinize 88 µ grams of starch per minute at pH 6 and 40°C.

<sup>2</sup>Each unit will produce a relative fluidity change of 1 in 5 minutes in a defined carboxymethyl cellulose substrate a pH 4.5 and 40°C.

<sup>3</sup>Each hemoglobin unit produces, in 1 minute at pH 4.7 and 40°C, a hydrolysate whose absorbance at 275 nm is equal to a solution containing 1.1 µgrams per mL of tyrosine in 0.006N hydrochloric acid.

<sup>4</sup>Each unit liberates 1 micromole of reducing sugar (glucose equivalence) per minute pH 6.5 and 40°C.

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