

# Showmen's Choice™

Contains a source of live (viable) naturally occurring microorganisms. Amylase which can hydrolyze starch, Protease which can hydrolyze proteins, beta-Glucanase which can hydrolyze  $\beta$ -glucans (a type of non-starch polysaccharide), Hemicellulase which can break down hemicellulose.

## Guaranteed Analysis

**Lactic Acid Bacteria** (minimum)..... 88.3 million cfu/gram  
(*Pediococcus pentosaceus*, *Lactococcus lactis*, *Enterococcus faecium*, *Lactobacillus casei*, *Lactobacillus brevis*, *Lactobacillus plantarum*)

**Total Propionibacteria** (minimum) ..... 4.4 million cfu/gram  
(*Propionibacterium freudenreichii*)

**Total Yeast** (minimum) ..... 662.3 million cfu/gram  
(Active Dry Yeast *Saccharomyces cerevisiae*)

## Enzyme Activity (minimum):

**Bacterial Amylase** (*Bacillus subtilis*)..... 118,000 BAU\*/lb.  
\*Bacterial amylase BAU = one bacterial amylase unit (BAU) is the quantity of enzyme that will dextrinize starch at the rate of 1 mg/min at pH 6.6 and 30°C.

**Fungal Amylase** (*Aspergillus oryzae*)..... 95,250 SKB\*/lb.  
\*Fungal amylase SKB = number of grams of soluble starch dextrinized, in the presence of excess  $\beta$ -amylase, per hour at pH 5.0 and 40°C.

**Fungal Protease** (*Aspergillus oryzae*)..... 68,000 HUT\*/lb.  
\*Fungal protease HUT = the amount of enzyme that produces, in 1 minute at pH 4.7 and 40°C, a hydrolysate whose absorbance at 275 nm is the same as that of a solution containing 1.10  $\mu$ g per ml of tyrosine in 0.006N hydrochloric acid.

**beta-Glucanase** (*Trichoderma longibrachiatum*)..... 900 BGU\*/lb.  
\*Beta Glucanase BGU = the amount of enzyme which, liberates glucose to 1  $\mu$ mol glucose per minute at pH 6.5 and 40°C.

**Hemicellulase** (*Aspergillus niger*) ..... 225 HCU\*/lb.  
\*Hemicellulase HCU = one hemicellulase unit (HCU) is defined as that activity that will produce a relative fluidity change of 1 over a period of 5 min in a locust bean gum substrate at pH 4.5 and 40°C.

## Ingredients

Plant protein products, sodium bentonite, dried *Bacillus subtilis* fermentation extract, dried *Aspergillus oryzae* fermentation extracts, dried *Trichoderma longibrachiatum* fermentation extract, *Aspergillus niger* fermentation extract, sodium silico aluminate, dried *Pediococcus pentosaceus* fermentation product, dried *Propionibacterium freudenreichii* fermentation product, dried *Lactococcus lactis* fermentation product, dried *Enterococcus faecium* fermentation products, dried *Lactobacillus casei* fermentation product, dried *Lactobacillus brevis* fermentation product, dried *Lactobacillus plantarum* fermentation product.

# Showmen's Choice™

For Healthy Cows®

A Unique Supplement for Show Animals



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## Directions for Use

**Show Cows:** Feed 2 ounces (56 grams) per head per day. Feed 3-4 ounces per head per day to animals to support digestive health throughout show season or starting 7 days prior to the show and continuing through the show. Scoop enclosed holds 1 ounce.

**Show Heifers:** Depending on animal size and show conditions, feed at the rate of 1/2 ounce to 1 ounce (14 to 28 grams) per head per day. Feed 1-2 ounces per head per day starting 7 days prior to the show and continuing through the show. Scoop enclosed holds 1 ounce.

## Smartbacteria: Strains

A4000h™	.....	<i>Pediococcus pentosaceus</i>
A2020™	.....	<i>Lactococcus lactis</i>
2E-1™	.....	<i>Enterococcus faecium</i>
EF141™	.....	<i>Enterococcus faecium</i>
LC222™	.....	<i>Lactobacillus casei</i>
LBR1000™	.....	<i>Lactobacillus brevis</i>
LP100™	.....	<i>Lactobacillus plantarum</i>
Prop1-IAC™	.....	<i>Propionibacterium freudenreichii</i>

Found Only in Priority IAC Products

## Storage Recommendations

Store in a cool dry area out of direct sunlight.



3504 County Road CR  
Manitowoc, WI 54220 USA  
forhealthycows.com  
info@forhealthycows.com  
920-682-0264



Genotype Tested  
Genetic Fingerprinted

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