Biotal Buchneri 40788 is selected to help maintain higher quality, more hygienic feeds through improved aerobic stability.

**FEATURES**

Biotal Buchneri 40788 features the only active forage inoculant bacteria strain (*Lactobacillus buchneri* NCIMB 40788) that has been reviewed by the FDA to allow claims for reducing heating, yeast and mold spoilage for improved aerobic stability.

**What is in Biotal Buchneri 40788?**

<table>
<thead>
<tr>
<th><em>Lactobacillus Buchneri</em> NCIMB 40788</th>
<th>Colony Forming Units (CFU):</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Main Features</strong></td>
<td></td>
</tr>
<tr>
<td>Reduces heating and spoilage at feedout. Reduces mold growth and risk of secondary growth by pathogens and mycotoxin production.</td>
<td>400,000 CFU/g fresh forage</td>
</tr>
<tr>
<td></td>
<td>600,000 CFU/g high moisture corn</td>
</tr>
</tbody>
</table>

Biotal Buchneri 40788 includes enzymes that increase the accessibility of fiber (cellulose) to microbes in the rumen and so increase ruminal fiber digestion.

**ADVANTAGES**

As with all Biotal forage inoculants, Biotal Buchneri 40788 has shown consistent performance through numerous lab and farm trials. This dedication to product efficacy is what makes Biotal the world’s premium forage inoculant brand.

**Fast Fermentation**

- Improved DM Recovery
- Ideal Fermentation
- Better Protein Quality

**Improved Aerobic Stability**

- Less Spoilage
- Less Heating
- Less Molds
Always follow label directions. The use of any forage additive cannot be expected to overcome poor management. Proper storage and handling is important to forage inoculant performance. Products should be refrigerated, and the whole package should be used at one time. Visit www.QualitySilage.com for the latest information on silage management practices.

Biotal Buchneri 40788 Available Sizes
100 g and 400 g packages of water-soluble concentrate to treat:
- 50 and 200 tons of fresh forage, respectively
- 1,179 and 4,750 bushels (33 and 133 tons) of HMC, respectively

Our Guarantee - What is on the label is inside the package!
Lallemand Animal Nutrition’s Quality Control is among the best in the world. Production facilities follow a strict total quality management system to ensure product purity and quality.

Table:

<table>
<thead>
<tr>
<th></th>
<th>Control</th>
<th>Biotal Buchneri 40788</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMI, lb/d</td>
<td>55.3</td>
<td>55.9</td>
</tr>
<tr>
<td>Milk, lb/d</td>
<td>87.9(^b)</td>
<td>89.7(^c)</td>
</tr>
<tr>
<td>Milk fat, lb</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Milk protein, lb</td>
<td>2.7</td>
<td>3.0</td>
</tr>
<tr>
<td>3.5% FCM, lb/d</td>
<td>85.8(^d)</td>
<td>88.2(^c)</td>
</tr>
<tr>
<td>Milk production efficiency (lb FCM/lb DMI)</td>
<td>1.6</td>
<td>1.6</td>
</tr>
</tbody>
</table>

\(^a\)Means in rows with unlike superscripts differ P≤0.05  
\(^b\)Means in rows with unlike superscripts differ P≤0.10

References: Trial Summaries available upon request
Taylor et al., 02  
Kung et al., 03  
Schmidt and Kung, 06  
Schmidt and Kung, 06  

LALLEMAND ANIMAL NUTRITION
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