



Get More Out Of Your Milk Replacer...

Beta MosTM It.

An Advancement In Calf Milk Replacer Technology

- All-natural product used with milk replacers
- Yeast extract of *Saccharomyces cerevisiae* that can enhance flavor—stimulating appetite and feed intake
- Quality source of β -glucans and key nutrients such as crude protein

Safe For Use In Animal Feeds

- AAFCO (Association of American Feed Control Officials, Inc.) listed ingredient
- No withdrawal period, no residue concerns, and no temperature concerns
- Ideal for antibiotic and drug-free programs – Beta MosTM is non-synthetic, non-antibiotic, and non-drug
- Contains a minimum beta glucan level of 24%

Backed By Quality Assurance And Technical Expertise

- Guaranteed analysis of 20% crude protein (min), 3% crude fat (min), and 3% crude fiber (max)
- Produced under stringent conditions of constant quality assurance
- Supported by both Alpharma and the Alpharma Technical Services Group
- Directions for use: Add 2 g (3 scoops) of Beta Mos yeast extract per calf to milk replacer prior to reconstitution

Beta MosTM

For Calf Milk Replacers

Beta Mos™ Suspension Study

Beta Mos Stays In Suspension Longer

A study was conducted to evaluate the suspension characteristics of Beta Mos and how it compared to a milk replacer alone and a competitive product ("Product A").

Samples evaluated consisted of Beta Mos mixed in milk replacer, milk replacer by itself, and Product A mixed with milk replacer.

The milk replacer was mixed according to the manufacturer's label directions. Beta Mos and Product A were mixed with the milk replacer according to label mixing directions to combine 2 g of product with 2 qt of milk replacer (0.2 g of product were mixed with 200 mL of milk replacer).

Samples were evaluated over different time points by measuring the level of sediment that occurred. Time points consisted of 0, 2, 4, 8, and 16 minutes.

The results, as shown in Figure 1, demonstrated that after 4 minutes Beta Mos and the milk replacer settled out at the same rates (0.1 mL). Product A had 2X as much sediment (0.2 mL) after 4 minutes had elapsed, and after 16 minutes Product A had 2.5X (1.0 mL) as much sediment as Beta Mos (0.4 mL).

These results can be seen in the photos below. Beta Mos is the sample on the left, milk replacer only is the sample in the middle, and Product A is the sample on the right.

Figure 1. Suspension Study Results

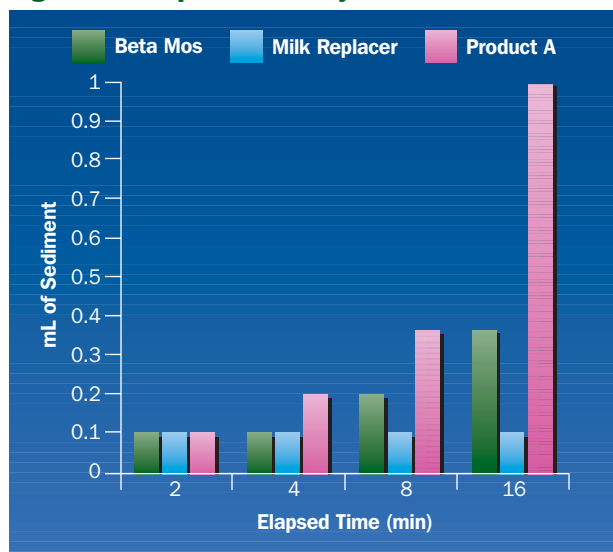


Figure 2. 2 Minutes Post Mixing

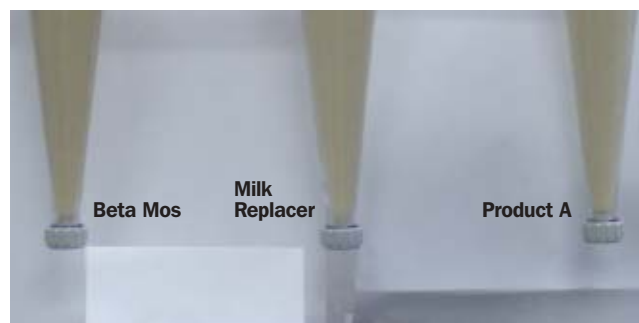
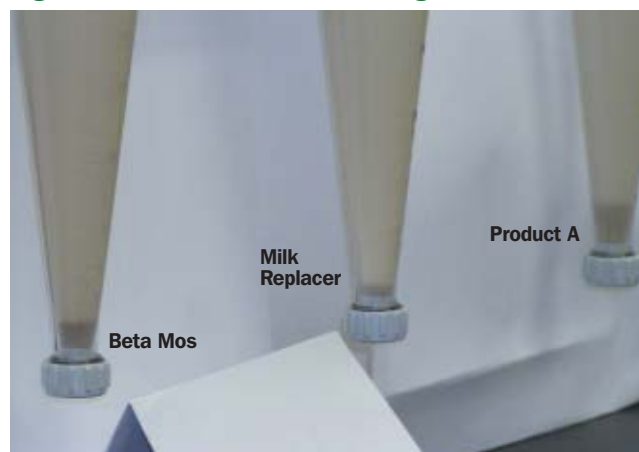


Figure 3. 16 Minutes Post Mixing



Conclusion

Beta Mos appears to stay suspended longer, providing a more dispersed product for use.



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