

QLF Heifer Products

Heifer Developer 56

56% protein calcium-suspended liquid formulated to be fed in a TMR at a rate of 0.1 lbs per 100 lbs of body weight for heifers 400 lbs and heavier. Heifer Developer 56 provides protein, calcium, phosphorus, and all supplemental vitamins and trace minerals.

Heifer Developer 40

40% protein calcium-suspended liquid formulated to be fed in a TMR at a rate of 0.1 lbs per 100 lbs of body weight for heifers 400 lbs and heavier. Heifer Developer 40 provides protein, calcium, phosphorus, and all supplemental vitamins and trace minerals.

Heifer CORE 56

56% protein supplement designed to balance heifer rations which contain distillers grains. Heifer CORE 56 is fed at a rate of 0.1 lbs per 100 lbs of body weight for heifers 400 lbs and heavier. It provides protein, calcium, phosphorus, and all supplemental vitamins and trace minerals.

Heifer Developer 28

28% protein calcium-suspended liquid formulated to be fed in a TMR at a rate of 0.2 lbs per 100 lbs of body weight for heifers 400 lbs and heavier. Heifer Developer 28 provides protein, calcium, phosphorus, and all supplemental vitamins and trace minerals.

Super 24 BOV

24% protein, medicated (Bovatec®) liquid approved for free-choice feeding to pastured heifers at a rate of 1.0 to 2.5 lb/hd/day. Super 24 Bov provides degradable protein and sugars to stimulate rumen microbes, and contains Bovatec®, vitamins, and minerals to enhance performance.

QLF Heifer products are available with custom levels of ionophores and MYCO CURB® brand mold inhibitor

QLF Heifer Products

Nutrition and more . . .

- Decreases Ration Sorting
- Maximizes Forage Use
- Enhances Rumen Function
- Improves Micro & Macro Nutrient Distribution & Intake
- Optimizes Response To Ionophores
- Promotes efficient conversion of NPN protein to microbial protein
- Improves precision & accuracy of micro-nutrient feeding

DEVELOPING HEIFERS THAT LAST



QUALITY LIQUID FEEDS, INC.

~ Where Quality Comes First ~

800-236-2345

WWW.QLF.COM



Nutrition and More . . .

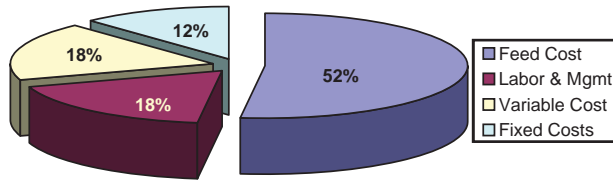
An Investment in your herd's future

Maximize Efficiency

Replacement heifers costs* include feed, labor, management, fixed costs, genetics, mortality, and animal health.

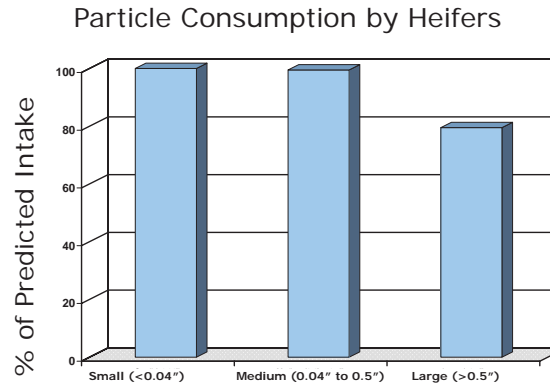
Feed makes up a large percentage of replacement cost, making growth performance, feed quality and feed efficiency keys to optimizing animal quality, replacement cost and animal performance in the herd.

Costs for Raising Dairy Replacement Heifers* - Hoard's Jan. 2008



Reduce Feed Wastage

The graph below shows heifers sort against long particles in TMR's. In this study, heifers consumed only 80% of TMR particles greater than 1/2 inch in length. The TMR included hay, corn silage, haylage and a dry grain mix.

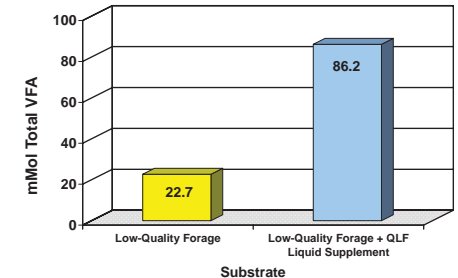


(Adapted from Hoffman et al., 2006.)

- Sorting causes feed wastage and inconsistent nutrient and additive intake.
 - It is a particular challenge in TMR's where mineral and vitamin premixes are mixed with relatively high levels of forage.
- Good TMR management is critical to making sure the ration balanced is the ration eaten.
- QLF Farm Demo data shows including a liquid supplement at 2% of as-fed intake in high forage diets reduces sorting and enhances uniform intake of the TMR, including long forage particles.

Enhance Forage Utilization

On high-forage heifer diets, rumen-degradable protein and carbohydrate enhance forage utilization and VFA production. Sugars and degradable protein provided by QLF heifer supplements feed rumen microbes to enhance VFA production and forage utilization.

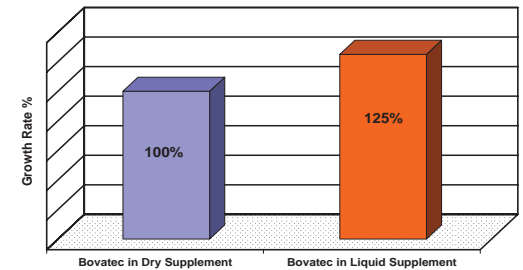


(In Vitro data courtesy of Diamond V Mills P<0.05)

Improve growth rate by improving Ionophore performance

Effect of Liquid Supplement with Bovatec on Growth of Dairy Replacement Heifers

Heinrichs, et al., 2008, P<0.01



Enhanced ruminal fermentation with the addition of soluble sugars and protein provides increased potential for ionophore action. Liquid supplements reduce diet sorting and enhance intake consistency, helping ensure desired, uniform intake of ionophores resulting in an increase in ionophore response.

Yielding a solid return on your heifer investment.