



QLF ENERGY BALANCER FOR THE COWHERD

QLF Energy Balancers deliver a complete supplemental package into a full range of beef cow diets. These high inclusion liquid supplements can provide supplemental protein, macro and micro minerals, vitamins and additives needed by beef cows. Energy Balancer supplements positively impact intake of high roughage diets, dry diets, and diets comprised of low quality forages. Energy Balancers aid in tying up ration fines, masking off-odors and can maintain consistent intakes providing for better rumen function, better additive utilization, improved herd health and reproductive performance. Energy Balancers can be formulated to contain as little as 9% to 40% crude protein to balance ration requirements of the cowherd. The protein is comprised of a mixture of NPN from urea and natural protein sources from other ingredients.

Energy Balancers Promote Diet Uniformity and Improved Palatability

Balanced nutrition is critical to herd health, calf performance, and reproductive efficiency. In some cases, the most cost-effective sources of needed nutrients may be unfamiliar or unpalatable to cows in the herd. When QLF Energy Balancers are included into total mixed rations, ingredients with varied particle size and density are held in place. Trace nutrients and additives, like Rumensin, contained in Energy Balancers are distributed evenly throughout the ration enhancing cow performance and reducing the risk of digestive upsets.

- **Boost Cowherd Productivity**
 - Improved cow condition
 - Efficient breed back
 - Heavier calves
 - Healthier herd
- **Enhanced Nutrition**
- **Diet Uniformity**
- **Increased Forage Intake and Utilization**
- **Improved Palatability**
- **Convenience**
- **Less Feed Waste**
- **Superior Additive Carrier**

Rumensin for the Cowherd Improves Feed Efficiency

Rumensin is a cost-effective tool that improves feed efficiency* in mature beef cows and average daily gain in replacement heifers. Rumensin allows you to optimize gain in growing heifers and reduce the feed resources needed to maintain your herd's body condition. Rumensin also prevents and controls coccidiosis in the production beef herd and is the only ionophore approved for use in mature, reproducing beef cows.

**When receiving supplemental feed.*

Reproductive Safety in Cows		
	Rumensin treatment	
	0	200
Pastures. no.*	12	12
Conception date **	161 ^a	155 ^b
Calf to conception, days	90 ^a	85 ^b
Calving percentage, % ***	80.7 ^a	91.9 ^b

^{ab} Means within a row without a common superscript differ (P<0.01)
 Fed at 0 and 200 mg/hd/day of monensin
 *Pasture was the experimental unit, and each pasture contained 9 to 11 cow calf pairs.
 ** Julian calendar date
 *** Logistic regression analysis

Performance in Replacement Heifers		
	Rumensin treatment*	
	0	150
Avg. day of trial at first estrus	152 ^a	139 ^b
ADG, lbs	1.43 ^a	1.57 ^b
Improvement, lbs/hd/d (%)	---	0.14 (9.8%)
Calving percentage, % ***	80.7 ^a	91.9 ^b

^{ab} Means within a row without a common superscript differ (P<0.001)
 *Rumensin fed at 0 or 150 mg/hd/day of monensin