



QLF ENERGY BALANCER

Energy Balancers are complete mineral products designed to reduce corn and/or other by-products in the ration. When feeding an Energy Balancer product at a 3 lb feeding rate you can replace approximately 1.9 lbs of dry corn or 2.10 lbs of HMC in the ration.

Energy Balancers positively impacts intake and/or utilization of:

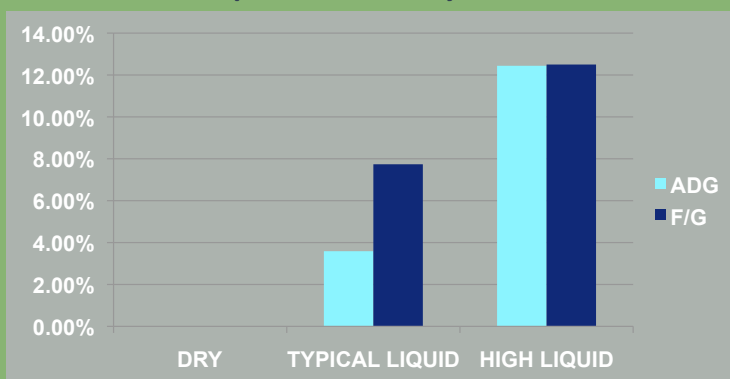
- Higher Roughage diets
- Dry diets
- Starter/Grower Diets
- Limited Corn Supplies
- Low Quality Forages
- Finishing Diets



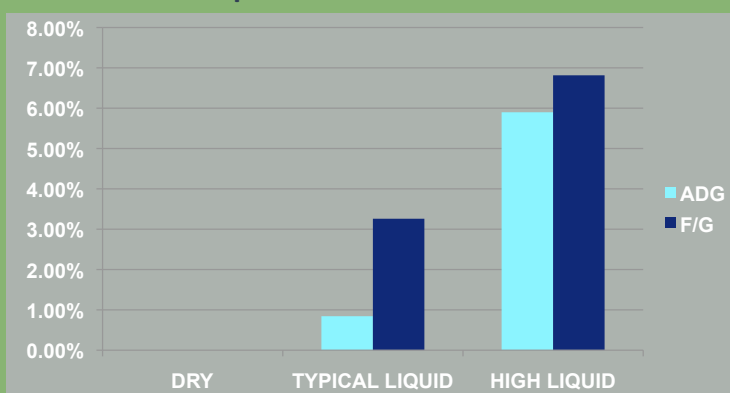
SDSU Energy Balancer Study

Improvement in ADG and F/G of a conventional liquid - 4.5% inclusion (typical) and Energy Balancer - 9.0% inclusion (high), over the use of dry meal supplement.

% Improvement - Day 85-119



% Improvement - Cumulative



Pritchard, SDSU 2014

Energy Balancers Promote Consistent Daily Intakes

- **Improved Palatability**- This is particularly important with low quality forages. Energy Balancers improve the acceptability and intake of these ingredients, improving rumen function.
- **Improve ration integrity** - Energy Balancers reduce physical separation of the ration, prevents sorting, and encourages uniform intake of all ration components, including additives.
- **Improved rumen and animal efficiency** - Energy Balancers provide readily fermentable carbohydrates along with NPN to boost rumen microbial production and efficiency, leading to improved animal performance.

Detailed information on the Energy Balancer SDSU study can be found in QLF Technical Bulletin 7364.