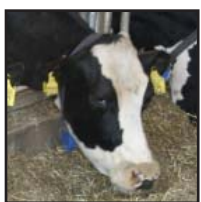




Top 10 Reasons to Use QLF Liquid Feeds in Dairy

By: *The Cows*

1. Provide a Consistent level of supplemental sugar.



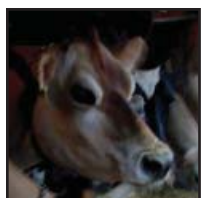
Each load of QLF product meets nutrient specifications to provide needed amounts of supplemental sugar. Dry byproduct sugar sources often vary in nutrient composition, including sugar levels. The main sugar in molasses-based liquid feeds is sucrose, a 6-carbon sugar, which grows more rumen bugs than 5-carbon sugars predominately found in forages. Sucrose is used very quickly by the rumen bugs, and complements the later fermentation of starch!

2. Improve fiber digestion by feeding rumen bugs sugars and protein.



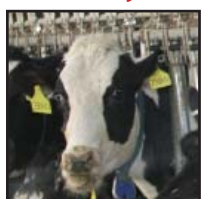
Liquid feeds enhance digestion of both good quality AND poor quality forages, which improves the amount of energy we receive from forages in the TMR. Improving forage digestion allows more forage to be included in the diet, which helps maintain a healthy rumen and emphasizes home-raised feeds.

3. Reduce TMR sorting.



Stickiness from liquid feeds reduces TMR sorting, and improves our consumption of long TMR particles to help maintain a healthy rumen pH. Sub-acute rumen acidosis (SARA) reduces fiber and protein digestion, increases feed wastage and lowers milk production. SARA also affects our health by beginning an immune response, and can lead to feet and leg problems.

4. Satisfy our Sweet Tooth!



Of the domesticated ruminant livestock, cattle are the most sensitive tasters of sucrose, the main sugar in cane molasses. Adding a QLF molasses-based liquid feed to the TMR improves it's taste and daily consistency, which helps us adapt more easily to ration changes.

5. Improve daily intake consistency!



Better forage digestion and ration palatability, and less TMR sorting means our daily intakes are more consistent, and we waste less TMR! Remember also, cows have a strong sense of smell – we can smell something up to 6 miles away. So when QLF helps the TMR smell good, we'll keep going back to the bunk for seconds!

6. Improve rumen efficiency leading to better milk efficiency!



Since QLF liquid feeds enhance fiber digestion, daily intake consistency, and reduce ration sorting, our rumens are more efficient because we receive uniform amounts of rumen-degradable carbohydrate, fiber, and protein each day. Consequently, we make more lbs of milk per lb of dry matter. This improves our profitability!

7. Produce better milk components!



A healthier, more efficient rumen and more consistent daily intakes improves milk component production! Enhanced rumen bacteria growth provides high quality microbial protein at our small intestine, which improves milk protein production. And, stimulation of fiber digesting bacteria provides important precursors to milk fat production!

8. Stage a smooth transition period!



Research has shown that cows receiving cane molasses at 3.3% of a moderate-energy dry period diet had improved DMI, milk, and milk efficiency post calving. Better ration palatability, forage digestion, and reduced ration sorting during the dry period enhances rumen function and dry matter intake during the transition period to improve post calving energy balance, setting the stage for a productive lactation!

9. Deliver and distribute micronutrients and additives.



Minerals, vitamins, and additives are a tiny, but important part of our diet! Sometimes though, they can sift and separate from the rest of the TMR. Delivering micronutrients through a liquid supplement sticks them to other ration ingredients, and distributes them throughout the TMR, so no matter where we eat along the bunk, we receive our minerals, vitamins, and additives!

10. Offers professionally installed equipment for easy handling.



QLF products are formulated for year-round flowability, and their fluidity distributes them easily in the TMR. Plus, QLF storage and handling equipment is professionally installed and set up to work in all weather conditions!