

TECHNICAL BULLETIN

DAIRY



LONG TERM REASONS FOR USING QLF LIQUID SUPPLEMENTS

In order to understand how dietary liquid supplements impact milk production and management from a dairy producer's perspective, we recently conducted a survey of high-producing dairy farms in Michigan. The owners of those herds were long-term customers (10 years plus) of QLF products, and they shared their experience and views about using liquid supplements.

According to the dairy owners and their nutritionists, the main benefits of using QLF products are as follows:

- Help to condition the ration, and increase TMR consistency and coating
- Help to stick dietary ingredients together and reduce sorting
- Good smell and increase palatability and feed intake
- Help to improve transition cow feed intake and metabolism
- Help to increase milk and milk component yields
- Help to improve feed digestive efficiency
- Help deliver minerals and protein through liquid with high efficiency and no shrink
- Products are safe and easy to handle, and reduce labor costs

Below are some representative customer answers from the survey:

Farm Location	Experience and views of using QLF liquid supplements
Dairy #1, Martin, MI	<ul style="list-style-type: none">- They feed high straw diet to dry cows, and QLF helps to stick the smaller particles to the straw within TMR better;- Helps to condition the feed and reduce sorting;- Helps to boost feed intake;- Delivers minerals and protein through the QLF, which is very efficient and no shrink;- They can use less grain by feeding sugar, and thus save grain costs;- Helps boost milk production and milk components;- Helps to minimize the impact of switching to new forages;- The overall feed cost is neutral or less by using QLF supplements.
Dairy #2, Hickory Corners, MI	<ul style="list-style-type: none">- Helps to condition the ration, and increase TMR consistency and coating;- Good smell and increase palatability;- QLF product is almost completely digested with very high efficiency, whereas other feeds are only partially digested;- QLF product has no shrink and waste;- Safe and easy to handle.

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Dairy #3, Dowling, MI	<ul style="list-style-type: none"> - Increase palatability and feed intake; - The close-up cow diet contains a lot of forage and rough corn silage, and QLF helps to condition the feed; - Reduces sorting and no shrink; - Less feed waste.
Dairy #4, Portland, MI	<ul style="list-style-type: none"> - Helps to stick feed together, resulting in a uniform diet with less sorting; - Sugar provides important nutrition and energy value; - Helps to increase fiber digestibility; - Helps to improve cow health.
Dairy #5, Westphalia, MI	<ul style="list-style-type: none"> - QLF product makes feed smell better and improves palatability; - Helps to stick the feed together and increase consistency; - Convenient and easy to use, no shrink; - Helps to reduce sorting.
Dairy #6, St Johns, MI	<ul style="list-style-type: none"> - Helps to bind TMR together much better; - Sorting used to be a big issue, and was eliminated after using QLF; - QLF product has no shrink; - Helps to increase milk production and components.