QLF Liquid Supplements -

The **BEST WAY** to incorporate additives into your ration!

Decide which additives to use by evaluating:

- benefit(s) and research on additive claims.
- expected response compared to actual response in your herd.
- return for investment.

Additives are effectively used in conjunction with, not replacement for, sound nutrition and management.

QLF supplements increase the opportunity for each individual cow to eat the right amount.

- The additives are easier and more convenient to uniformly add into the TMR mixer.
- The additives will not sift out and settle to the bottom of the mixer or bottom of the bunk.
- The additives are better distributed throughout the TMR.
- Ration sorting is decreased, ensuring better intake of nutrients and additives to all individuals of the herd.

Additives are effectively used in conjunction with, not replacement for, sound nutrition and management.

Dairy Feed Additives Program

QLF Liquid Supplements -

Quality Liquid Feeds, Inc.

P.O. Box 240
Dodgeville, WI 53533
800-236-2345
www qlf.com

Low Inclusion Additives - Better Distribution - Better Performance

Nutrition and More . . .
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
<th>Use/Purpose</th>
<th>Recommended Feeding Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diamond V XPC™</strong></td>
<td>Dehydrated Yeast Culture</td>
<td>Can be fed to all classes of livestock and poultry to help improve feed digestibility and add palatability to feed rations</td>
<td>0.5 oz/hd/day</td>
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<tr>
<td><strong>Diamond V SelenoSource® AF 2000</strong></td>
<td>Selenium Yeast</td>
<td>Provide supplemental selenium of high biological availability (organic Selenium)</td>
<td>Add to rations not to exceed .3 ppm total selenium in the total ration</td>
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<tr>
<td><strong>Rumensin®</strong></td>
<td>Ionophore (Monensin)</td>
<td>Increased milk production efficiency</td>
<td>Feed continuously to dry and lactating cows in total mixed rations at a rate of 11 to 22 g/ton (dry matter basis)</td>
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</tbody>
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| **Biotin**            | B-Vitamin                             | Research demonstrates supplemental Biotin can improve milk & milk component production & can improve hoof health | Lactation: 20 mg/hd/day  
Dry Period: 10 mg/hd/day  
Heifers: 10 mg/hd/day |
| **Niacin**            | B-Vitamin                             | Improve energy utilization to aid in improved milk production                | 6-12 g/hd/day                             |
| **ClariFly®**         | EPA registered feed additive containing Diflubenzuron, a larvicide | For use in supplements for confined cattle as part of an integrated pest management program to control flies developing in manure | 0.1 mg/kg BW/day                         |
| **Integral™**         | Glucomannan-containing yeast product  | Maintain animal health                                                      | 10-30 g/hd/day                            |
| **Zinpro® 180**       | Organic Zinc (18% Zn)                 | Improve hoof health, improve udder health                                   | 2 g/hd/day                                |
| **Zinpro Availa® 4**  | Organic sources of Zinc, Manganese, Copper, Cobalt | Improve hoof health, improve reproductive efficiency, improve udder health | 7 g/hd/day                                |
| **MYCO CURB™**        | Mold inhibitor for processed feed ingredients and animal feeds | TMR protection from mold and heating                                         | 1-2 lbs/TMR ton  
(Higher inclusion rates required under high challenge weather or poorly preserved feeds.) |
| **Ultra CURB™**       | Mold inhibitor for processed feed ingredients and animal feeds | TMR protection from mold and heating, aids in control of yeast growth       |                                             |
| **Alimet® Liquid**    | Methionine Hydroxy Analogue           | Improve milk production                                                     | Dry cows: 15 g/cow/day  
Lactating cows: 25 g/hd/day  
20-30 g/cow/day |
| **MetaSmart® Liquid** | Isopropyl ester of methionine hydroxy analogue | Improve milk volume, protein % & fat %                                      | For best results balance diet using amino acid balancing model for most accurate dosage |