



Farm Services Ltd.

August 2020 NEWSLETTER

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Milk Replacer – The Perfect Mix

(Kaitlin Henderson– Territory Sales Rep for Mapleview Agri)

When it comes to mixing a batch of milk replacer, consistency is highly important. Following these tips will help ensure you do not run into any mixing issues such as clumping:

1) Seal up any partially used bags. Milk replacer will take on moisture and humidity which can lead to clumping, spoilage or make it more difficult to properly mix. Try to store bags in cooler, dry areas away from other animals and pests that can contaminate the product.

2) Depending on the amount of milk replacer you are mixing, you might want to consider using an electric drill with a paint mixing paddle. It will make mixing larger amounts of milk easier and often result in a more thoroughly mixed solution.

3) **Pay attention to mixing temperature.** Excessively high temperatures can lead to proteins migrating away from the fat droplets causing the fat particles to join together, rising to the top of the mixture. Another possible scenario would be that proteins remain attached to the fat droplets but aggregate together in high temperatures causing clumping of the protein/ fat globules. See recommended temps below.

On the flip side, using too low of a temperature can lead to reduced solubility of the milk powder.

4) It is recommended to **measure milk powder using a scale** for each feeding OR at a minimum each new skid or product lot should be measured to be sure you are not over or under feeding young animals – consistency is key.

5) Be sure to have proper cleaning protocols in place for mixing and feeding equipment to decrease bacteria load within the drinking environment.

Manual Mixing Instructions for Mapleview Agri milk replacer products:

1. First determine the total number of litres of milk to be fed.

2. Measure half of this volume as hot water (50-60 degree C max).

3. To determine the total amount of powder needed: use a scale and weigh 130g or 150g times the number of litres of milk to be fed. (eg. 15L of milk requires 15 x 130g which equals 2kg of powder.)

4. Add this milk replacer to the hot water and mix until dissolved.

Add the remaining water to obtain the total desired volume, aiming for a final drinking temperature of 40-44 C. Re-mix prior to feeding. It is helpful to mark the number of litres on the side of the pail or mixing barrel to measure the water volume.

Note* 150g per L is the recommended

TROUBLE WITH FLIES?

We have several products to help combat flies both for your home and farm. Clutter Buster Traps, fly ribbons and strips. Raid, Konk, Disvap sprays. Stable fly traps and bait. Barn and Dairy Fly Shield, Vetocllice and Cylynce.



Another year has come and gone. Our Fiscal Year End is August 31st . Our receivables must be as current as possible. We would appreciate your co-operation in paying your account by August 20th.

Thank you for your business and we appreciate your help with this matter.

If your statement and invoices look different this month, we did an upgrade of our accounting software. If you find any issues or have any questions please give us a call as we are doing our best to learn this new program.

RODENT PROBLEM? WE HAVE A SOLUTION!

Fast Draw Soft Bait is a revolutionary concept in rodenticide technology. It contains the active ingredient Difethialone, food-grade grains and oils, and has a unique no wax formula. Fast Draw pouches combine the bait integrity of mini blocks with the money saving and targeted dosing of place packs.



Corn Maturity

This chart from Michigan State University provides a timeline for corn development relating potential yield and moisture for grain and corn silage.

*This year's silage is earlier than most years

| Stage | Calendar Days to Maturity | % of Maximum Yield for Grain | Days to 1/2 Milk Line | Moisture Content % for Grain | % of max Yield for Corn Silage | Whole-Plant Moisture % |
|------------------------|---------------------------|------------------------------|-----------------------|------------------------------|--------------------------------|------------------------|
| Silk | 50-60 | 0 | 35-45 | - | 50-55 | 85-90 |
| Blister | 40-45 | 0-10 | 25-35 | 85-95 | 55-60 | 80-85 |
| Late milk-dough | 30-35 | 30-50 | 15-25 | 60-80 | 65-75 | 75-80 |
| Early dent | 20-25 | 60-75 | 5-15 | 50-55 | 75-85 | 70-75 |
| Full Dent | 10-15 | 90-95 | 0 | 35-40 | 100 | 65-70 |
| Physiological Maturity | 0 | 100 | | 25-35 | 95-100 | 55-65 |

WFS LACT DAIRY 17% ROBOT RTN

FEATURES

BENEFITS



BALANCED proteins to suit a variety of feed tables and PMRs

FORTIFIED with additional vitamins and minerals

INCREASED fibre for safe feeding

PROVEN pellet quality to reduce fines in the robot

ECONOMICAL formulation to save you money

FLAVOURED for palatability to encourage consumption

We are happy to introduce Matt Mannerow to the team here at B&L Farm Services and Chesley Rona. He will be managing our agriculture products and retail location. Matt brings with him 13 years experience in the ag sector and will be a great addition to the team. Matt resides in Hanover with his wife and daughter and is originally from Chesley.