



Jones
FEED MILLS LTD.

March 2022

Linwood | Heidelberg | Wroxeter

Order Desk: 519-698-2082 | Dispatch: 519-698-9928 | 1-800-265-8735 | Fax: 519-698-2719

Chromium for the Dairy Herd

This past February, members of the Jones Dairy Team went through a training session to learn more about the benefits of chromium.

Chromium is an essential trace mineral. When an animal eats, the feed is broken down into glucose – a form of energy. The glucose from the feed moves through the animal’s blood until it can be absorbed and used. Chromium optimizes glucose utilization by helping to move glucose from the blood to the cells of the animal by activating insulin receptors. Once this occurs, the energy can be partitioned to where it is most needed. The science of how this works is perhaps a little complicated, but the gist is that chromium helps animals get and use more energy from their feed.

There has been a lot of research done on chromium over many years and numerous benefits have been seen on its use in dairy cows. Transition cows undergo immense stress at calving, and commonly lose body condition, experience negative energy balance and sometimes, ketosis. Research has demonstrated that using chromium throughout the transition period can minimize body condition loss, improve energy uptake, thus reducing the incidence of ketosis.

The loss of body condition can also pose troubles later in lactation in terms of reproduction. Cows should “milk from the bunk and breed from their backs”. If they have lost too much condition during the transition period, then they will likely have trouble breeding back. Chromium can reduce the loss of condition in early lactation and has shown to improve pregnancy rates on farms.

Immunity can be a challenge on farm – metritis, mastitis and more. Chromium has been seen to have a place in improving the health of the herd. When the immune system is activated – in response to infection, disease, etc. – energy requirements drastically increase. The immune system needs glucose to fight off infection. Since chromium optimizes glucose utilization, it allows more glucose to be available to fight off disease. (cont’d on reverse)

Career Opportunities

Jones Feed Mills – Customer Service Representative – Full Time & Part Time (Linwood and Heidelberg) For more information, please contact Matt Hogan matt@jfm.ca

Nith River Milling – Mill Employee – Full Time (Wellesley)
For more information, please contact Carli Jones carli@nithriver.ca

Stoneman Elected to BFO Cow-Calf Committee

Michaela Stoneman, JFM Ruminant Nutritionist and Barrie, ON Angus Breeder, was elected as the Ontario Beef Youth Alliance Representative for the Cow-Calf Committee at the recent BFO (Beef Farmers Ontario) annual general meeting. When asked about her new role, Michaela comments, “I am honored to have been elected to represent the youth of Ontario’s beef industry on the BFO Cow Calf committee. I am passionate about the future of the beef industry in Ontario and cannot wait to get started! I hope to help enact positive change that will benefit all stakeholders.” All of us at Jones, congratulate Michaela and know she will give this her all. FYI, Michaela formulates many of our customers beef and dairy rations and also writes supporting articles on nutrition and management for JFM customers.



FUTURES

Feb 28, 2022

Live Cattle



	(\$/CWT)
Apr	\$ 179.35
Jun	\$ 174.70
Aug	\$ 173.94
Oct	\$ 181.03



Dressed Hogs
(\$/CKG)

Apr	\$ 245.57
May	\$ 257.75
June	\$ 270.81
Jul	\$ 269.39

Canadian Dollar: \$ 1.27

Source: farms.com

E-Transfers Now Accepted
Jones Feed Mills is now able to accept e-transfers for account payments.

Payments can be emailed to: receivables@jfm.ca

Please note, this is the ONLY email address that can receive payments.

For more information, please contact Teresa Kuepfer at teresa@jfm.ca

On the Calendar:
National Poultry Show*

New Date:
June 22-23/22
Western Fair District
*JFM exhibiting

Canada Dairy Expo
Ontario Pork Congress
Postponed until 2023

Last Call!

Jones BCMPLUS



Brood Cow Mineral Winter Special

Receive 1 bag of Jones WSC16
FREE for every 20 bags of Jones
BCMPLUS purchased!

Offer Valid Dec 1/21 - Mar 31/22

Talk to a member of the JFM Beef Team or call the
office to order! 1-800-265-8735

Empty Bags Available

Jones Feed Mills has a quantity of white 28" x 40" poly woven
bags available. Bags are new and are easy opening. Contact
Meaghan Weber for pricing and details 1-800-265-8735

JFM Heidelberg Chick Days

Order Date	Available	Pick-Up Date
Monday March 7/22	Chicks, Turkeys, Ducks	Tuesday April 12/22
Thursday April 7/22 Monday April 4 RTL	Chicks, Turkeys, Ducks, RTL	Friday May 13/22
Thursday April 28/22	Chicks, Turkeys, Ducks	Friday June 3/22
Monday May 30/22 Monday May 16 RTL	Chicks, Turkeys, Ducks, RTL	Tuesday July 5/22

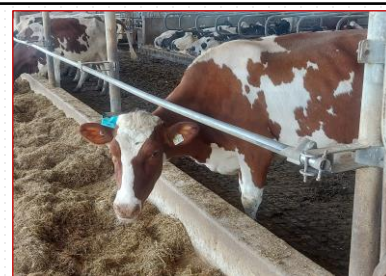
- Call 519-699-5200 to order or stop by Miller's Stone Store
- Order early to avoid disappointment (*RTL - Ready To Lay*)
- Miller's Stone can supply you with all of your feed, water, bedding and brooding supplies.
- **Ask about our new Poultry Starter Kits!**

Chromium – Cont'd

This improvement in health status has included an improvement in somatic cell counts.

Finally, and in addition to these health improvements, chromium has been found to boost production. In research, cows that were on a diet containing chromium had a 1 kg intake increase in dry matter compared to cows that were on a plain diet. Additionally, cows on chromium had 1.5 kg or more greater milk production. Energy corrected milk as well as components were also shown to be improved.

Because of the many benefits of chromium, it is included as a standard in JFM dry cow supplements and complete feeds as well as select top-dresses. If you are interested in using chromium on your farm, speak with your JFM dairy sales consultant about the best places to use chromium on your farm.



Article written by Trish Dunn MSc. - JFM Support Services Lead/Dairy Sales Consultant

Management 101: -- Mixing Jones Milk Replacers --

1. **Weigh the milk replacer** using a calibrated scale. The recommended feeding rate for JFM Whole Start Milk Replacer and Wet Nurse Milk Replacer is **120g/L at 6 Litres per day**. Maximum feeding rate is 150g/L.
2. **Measure** out the required amount of water and **check water temperature**. Milk replacer should be mixed warm (**between 42°C-45°C**) for optimum consistency (most other milk replacers need to be mixed hotter).
3. Batch mixing is recommended. Fill your container halfway with warm water. Add the desired amount of milk replacer.
4. **Mix thoroughly** using a wire whisk or a paint mixer on a drill.
5. After the powder is mixed, add the remaining water to achieve the desired volume of milk replacer for your calves. Inspect closely to ensure all milk replacer has dissolved.
6. **The target temperature** for feeding is 38°C-42°C. Occasionally check the temperature of the milk replacer fed to the first calf and the last calf to ensure consistency. This is especially important in the winter months.



Written by Nicole Follings – JFM Market Support Specialist/Dairy Sales Consultant

Management 101 Fact Sheets are written by Jones Feed Mills Personnel and/or Affiliates for purpose of providing management support and ideas to JFM Customers. Ask your JFM Dairy Rep for a complete copy of Milk Replacer Mixing.



www.jfm.ca | 1-800-265-8735

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