



Jones
FEED MILLS LTD.

January 2019

Linwood | Heidelberg | Wroxeter | Mitchell

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

2019 HAPPY NEW YEAR! 2019

Negative DCAD Diets and Urine pH Analysis in Transition Diets

Many dairies use a full or partial negative DCAD diet in their dry cow programs, but how is this really helping your transition group? A negative DCAD (nDCAD) diet, or *negative dietary cation anion difference* diet, has been researched and shown to reduce the incidence of milk fever, and consequently reduce fresh cow metabolic diseases and improve milk yield.

When a cow calves, she is in a state of calcium deficiency as she cannot mobilize enough calcium in her body to meet her calcium demands. In a full nDCAD diet, chlorine and sulfur which are negatively charged ions are absorbed in the cow's intestines. These negatively charged ions cause the cow to mobilize positively charged hydrogen from the kidneys and stimulates the calcium releasing pathway. The release of hydrogen from the kidneys causes the urine pH to drop.

(Continued on back page)

Waterloo County Cattlemen's Association AGM – Linwood Community Centre
January 14 10:00AM – 2:00PM – Please call Brad Cober 519-503-1530 to register.

**JFM Kid Milk
Replacer
\$ SPECIAL \$**



**\$3.00 off/bag
Until Jan 31**

NEW FORMULA!

\$ SPECIAL \$

**Calf Coats
Buy 5, Get 1 Free!**



Sale Ends Jan 31/19

Going Up!



The new **George Robert Jones Production Plant** is taking good shape as seen in the above photo. Both of the mixers along with the coolers have been installed and the installation of the building frame is under way. Congratulations to the many work teams involved in the progress to date!

Dress Up Your Bins!

Jones Feed Mills would like to remind all customers to request a bin sticker to correctly identify each of your bins to avoid feed unloading errors and to allow our drivers quick access to the bin requiring feed. Should you require a sticker for any of your bins, please let JFM customer service know at ordering and we will attach one. Thanks for your help!



FUTURES

December 28, 2018

Live Cattle

(\$/CWT)



Feb 168.64

April 171.43

June 158.94

Aug 154.73

Dressed Hogs

(\$/CKG)



Feb 154.43

April 169.97

May 187.70

June 208.41

Canadian Dollar \$ 1.36

Dec 2018

On the Calendar!

**Jan 3-9- Grey Bruce
Farmers Week***- Elmwood
Community Centre

**Jan 8-10- Dairy Farmers of
Ontario AGM**- Fairmont
Royal York, Toronto

**Jan 8-10- Banff Pork
Seminar**- Banff, Alberta

**Jan 10-12- 21st Annual Beef
Industry Conference***-
London Lamplighter Inn

**Jan 14- Waterloo
Cattleman's AGM**- Linwood
Community Centre. Call Brad
Cober 519-503-1530 to register

Jan 19- FarmSmart-
University of Guelph

**JFM Sponsored or Exhibiting Event*

Fall 2018 Photo Contest Winners



Barns



1st Place
Supper Time by Darrel Bauman



2nd Place
Icy Barn by Anne Laidlaw



3rd Place
Sunset by Lewis Bauman

Candid Animals



1st Place
Wedding Calves by Erin Dale



2nd Place
Paint Mare by Rebecca M



3rd Place
Calf by Chris Riach

Tractors & Machinery



1st Place
Tractor & Trailer by Rebecca M



2nd Place
Case Tractor by Darrel Bauman



3rd Place
Grain Elevator by Nick Gill



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nDCAD (Continued from front page)

Normally, the pathway in the body that is stimulated by the nDCAD is stimulated by calving, however, it takes the body 2-3 weeks for enough calcium to be released to support calcium demands. When a full nDCAD diet is fed at least 21 days before calving, enough calcium can be mobilized to meet demands at calving instead of waiting 2-3 weeks after calving for enough calcium to be released. Before calving, cows do not need this extra calcium that the nDCAD diet causes them to release, so they release it in the urine.

To make sure a nDCAD diet is working properly urine pH needs to be monitored. In a full nDCAD diet urine pH should be between 5.5 and 6 (normal urine pH is 8). This ensures that dry cows are mobilizing calcium appropriately in the dry period, so the incidence of milk fever can be reduced at calving. Your JFM Dairy Team can help you monitor your dry cow urine pH to make sure nDCAD is working, and your cows have the best possible start to lactation.

Written by Tricia Dunn, JFM Market Support Specialist

Farm Safety Gazette Free Newsletter!

Features:
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And More!

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