

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

Notice: All JFM Mills will be closed on May 20 for Victoria Day.

Beat the Heat: Heat Stress Hurts

Written by Trish Dunn, JFM Market Support Specialist

With the cool and damp April we have had it can feel as though summer may never arrive, however, summer is right around the corner. Though it seems early to begin worrying about the heat of June, July and August, now is the time to think about how to prevent heat stress problems before they start.



Heat stress happens when the **Temperature Humidity Index (THI)** levels increase to levels that animals cannot adapt to. When cattle experience heat stress, their body temperature may rise, they can have increased respiration rates, below average feed intakes, decreased gains or milk yields, acidosis and reproductive problems. Milk production in dairy cows can decline as early as 48 hours after the THI rises above **68 THI** (23°C & 45% Humidity). Dry cows also suffer from heat stress. Heat stress in dry cows can lead to reduced milk production in the subsequent lactation, negative effects on health and immune function and limit udder development.

There are many strategies that can be implemented to help mitigate the effects of heat stress:

- **Air Movement:** Open curtains and utilize fans to ensure there is adequate air movement when temperatures exceed 18°C.
- **Water Availability:** Water consumption will increase as temperatures rise. It is imperative to ensure cattle have access to clean, fresh drinking water. Use of timed sprinkler systems can also be beneficial.
- **Adjust Feeding Time:** Adjusting feeding time to ensure fresh feed is available during the cooler nights can help maximize intakes.
- **Nutritional Additives:** Including feed additives can help the animal battle heat stress and minimize the physical effects of heat stress.

There are many different types of feed additives available on the market to help cattle in times of heat stress. Vasodilators are compounds that dilate blood vessels, allowing more blood to flow near the surface of the skin and allow heat to escape; however, caution should be used with vasodilators as they reduce blood flow to the gastrointestinal tract, and are associated with leaky gut syndrome. *(cont'd on reverse)*

FUTURES

April 30, 2019

Live Cattle



(\$/CWT)

June	154.41
Aug	151.35
Oct	152.12
Dec	157.06

Dressed Hogs



(\$/CKG)

May	214.05
June	221.93
July	233.27
Aug	235.03

Canadian Dollar 06/19: 1.34

Source: farms.com

**THINK SAFETY
FIRST**

On the Calendar!

May 20 -Victoria Day
All JFM Mills Closed

**Jun 19-20 ON Pork
Congress* Stratford**

**JFM Sponsored or Exhibiting Event*

No Entry Signs Available



Bio-Secure Area

No Unauthorized Entry

For More Information Contact:



Ask your Rep or call the
 office 1-800-265-8735

The 2019 **Ontario Pork Congress** will be held on June 19th and 20th. With global concerns looming regarding African Swine Fever, The Ontario Pork Congress encourages all those attending the show to practice **bio-security measures** when visiting the Congress. For more information, please visit www.porkcongress.on.ca (Click: News)



New Calf and Kid Program Brochures Outline Research



The **Jones Dairy and Goat Teams** have recently developed new JFM **Whole Start** calf/kid milk replacer and calf/kid starter brochures that outline the research behind these highly effective programs. Each brochure describes the features and benefits for producers when using these products as well as the peer-reviewed research behind them. Talk to your JFM Dairy or Goat Team member to get your copy or to learn more about the **Jones Wholestart Calf and Kid programs**.

Heat Stress – Continued

Electrolytes help animals absorb water throughout their tissues and can help get water into an animal's system. Finally, osmolytes are compounds that work in cells to prevent cells from becoming dehydrated, help with water absorption and prevent leaky gut syndrome.



JFM offers a heat stress feed product called **BlueLine**, which is an osmolyte. Adding **BlueLine** to rations 10 to 14 days before the onset of heat stress can help animals maintain hydration and performance. For optimal heat abatement, **BlueLine** should be added when nighttime temperatures are consistently above 15°C, and other heat stress management strategies are implemented. Interested in implementing heat stress strategies? Call your JFM sales consultant today! (Note: **BlueLine** can be added supplements or premixes or used as a top-dress)

New JFM BCM-PLUS

Brood Cow Mineral

The JFM Beef and Nutrition Teams are excited to announce **BCM-PLUS Brood Cow Mineral**.

BCM-PLUS contains yeast and chelated minerals to help with cow health and reproduction. Talk to your JFM Beef Rep to learn more!



HEIDELBERG CHICK DAYS

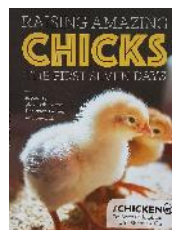
Order By Date	Fowl Available	Pick-Up Date
Thurs May 16	Chicks, Turkeys, Ducks	Fri June 21
Mon June 3	Chicks, Turkeys, Ducks	Tues July 9

Call 519-699-5200 or stop by the Heidelberg Mill to order.



Raising Amazing Chicks

Perhaps the best manual on raising chicks. Available from JFM (all mills) for \$25.00



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

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