



Jones
FEED MILLS LTD.

July 2021

Linwood | Heidelberg | Wroxeter

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

Notice, All JFM Mills and Offices will be closed Monday Aug 2/21 for the Civic Holiday

Coarse Textured, High Starch Calf Starter for optimum Rumen Development

by Kayla Aragona p.H.D. Provimi, NA

Proper rumen development is key to growing a healthy calf. However, there is much debate on what calf feeds are best to optimize both calf growth and rumen development. Rumen development, specifically rumen papillae development, is predominately driven by propionate and butyrate, acids produced from starch fermentation. Whereas fermentation of fibre, whether from forages or by-product feeds, predominately results in acetate production, which is less effective at developing rumen papillae.

As the calf ages, rumen development and microbial environment continually change. Generally, digestibility of fibre in the young calf is much lower than starch. When starch was partially replaced with fibre by using wheat middling's, soyhulls, beet pulp or distiller's grains, digestibility of diet dry matter was reduced in weaned calves. Calves fed higher fibre diets also had lesser dry matter intake, body weight gain and frame growth. In another trial, calves were fed diets of similar starch content, but either in a completely pelleted, a meal or a whole grain textured form. Calves fed the meal form diet consumed less dry matter and had lower body weight gains compared to calves that were fed whole grain textured diet.

Although greater amounts of starch are needed for proper rumen papillae development, the physical form of a starter impacts the rate of starch fermentation. Fermentation of starch in completely pelleted starters with fine ground cereal grains will be rapid, due to both the small particle size and because the starch is partially gelatinized during the pelleting process. Pelleted starters lack coarse particles which are necessary to prevent excess keratin production and buildup on the papillae surface. This can lead to a reduction in absorptive surface area, resulting in accumulation of fermentation acids and potential ruminal acidosis. Previously, calves were fed either a high starch texturized diet or a low starch, completely pelleted diet to determine the impacts on rumen development. Calves fed texturized diets had normal, healthy rumen papillae, whereas calves fed pelleted diets had clumped, stunted papillae with excess keratin growth. Abrasive particles are needed to remove this keratin layer, but a meal form diet or a completely pelleted diet does not provide that. Calf starters should contain approximately 35 percent starch. By including coarse or whole grains, such as whole corn and whole oats, in calf starters will help to slow starch fermentation, while also providing abrasive particles, negating the need for supplemental hay or straw in calves less than 2 months of age.



FUTURES

June 30, 2021

Live Cattle

 (\$/CWT)

Aug	\$ 151.17
Oct	\$ 158.39
Dec	\$ 163.38
Feb	\$ 167.13

 **Dressed Hogs**
(\$/CKG)

Aug	\$ 240.75
Oct	\$ 203.87
Dec	\$ 186.62
Feb	\$ 194.34

Canadian Dollar: \$1.24

Source: farms.com

Remove the Wrap!

JFM reminds customers to remove any shrink wrap on skids upon receipt of their bagged feed to avoid sweating and heating in the summer months.



Jones Feed Mills Covid-19 Protocols and Updates – July 2021

- JFM mills and offices remain closed to the public at this time. JFM will be gradually opening our stores and order desks as Covid case numbers by area decline and provincial and regional health offices allow. Please see the front doors of each facility for regular updates.
- When visiting the Linwood or Wroxeter Mill, you may enter the vestibule of that office and speak with JFM personnel using the communication devices at each location. Only one person or family unit is allowed to be in any of the vestibules at a time. At Heidelberg, please follow the instructions on the front door and use the intercom to communicate with the customer service staff.
- Masks must be worn at all times when at any JFM mills.
- Curb and dockside pick-up remain available at all JFM mills.
- Customers are requested to practice physical distancing when interacting with JFM sales or delivery personnel when at your farm.
- Sales and service calls continue while utilizing Covid-19 preventative measures including mask wearing when on-farm, physical distancing and avoiding confined spaces when others are present.

For more information, please contact Jones Feed Mills at 1-800-265-8735 or info@jfm.ca.

Next BBGP Booking Period

The next booking period for the popular JFM Booked Beef Grower Pellet (BBGP) begins July 1. Customers have until July 15 to book for July 1-Sept 30. Booking feed is a good way to manage feed budgets, particularly in times of volatile feed ingredient prices. BBGP is a 13.5% CP grower pellet that is designed to be fed as part of a daily ration to aid in the growth of cattle. BBGP can also be used as a creep feed. BBGP contains Monensin. Talk to your JFM representative or dealer to book BBGP or to learn more!



JFM Photo Contest

Spring 2021 Contest Categories:

- Making the best of Covid including PPEs
- The Four Seasons
- Pets and Birds



Please submit your photos to mediateam@jfm.ca

Winners will be announced through JFM social media/newsletters in August.

Open to Everyone! Prizes for 1st, 2nd and 3rd places/category will be awarded.

Entry Deadline: July 15th, 2021

JFM Heidelberg Chick Days



Order Date	Available	Pick-Up Date
Monday May 17 RTL Monday May 31	Chicks, Turkeys, Ducks	Tuesday July 6

Call 519-699-5200 to order.

Fly Control Product Sale

Name	Code	Retail	Sale	Case \$/Can
Disvap	DIS	\$32.46	\$28.00	\$27.00
Zapit	ZAP	\$28.38	\$26.00	\$25.00
Konk Too (Small can)	K2	\$28.38	\$22.00	\$21.00
Konk Too (Large can)	K2680	\$32.05	\$25.75	\$24.50
Agita	AGITA	\$55.26	\$45.00	
<i>The above products require an Ontario pesticide license for purchase.</i>				
<i>The below products <u>do not</u> require a pesticide licence</i>				
Konk 409D (Domestic)	K09	\$21.99	\$18.00	
Silvalure Replacement String	SILFSR	\$77.28	\$68.50	
Silvalure String Kit	SHLFS	\$108.88	\$95.00	

Sale runs from July 1 - July 31, 2021

Summer Grain Banking

JFM reminds customers who wish to bank grains, to check with the mill before bringing any grains to the mill. Grains must be checked for grade, moisture and/or toxin levels and mill capacity before they can be received. For more information, please call Jessica at the mill at 1-800-265-8735

Four or Five?

With the heat of the summer, the JFM production team will package some skids of bagged feed with only four bags per row, opposed to the regular five. This provides a chimney in the middle of the pallet of feed which allows air to circulate around the feed, thus preserving it through the summer.

Pesticide Use and Licensing

Effective January 1, 2021, all farmers must be certified by successfully completing the Grower Pesticide Safety Course to purchase and use pesticides that are federally designated as Restricted or Commercial. These pesticides are now classified as Class B and C respectively. For more information, contact the University of Guelph at 1-800-652-8573 or 519-674-2230, or by email at rcopep@uoguelph.ca or by mail: University of Guelph, Ridgetown Campus 120 Main Street East, Ridgetown, ON N0P2C0 or call the JFM Office at 1-800-265-8735



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

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