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January Dairy Market Outlook

Prof. Cropp just released his [January dairy market outlook](#) newsletter. Quoting from his outlook:

The lower milk prices are being driven by relatively high milk production, a decline in beverage milk sales, slower growth in butter and cheese sales and a decline in nonfat dry milk/skim milk powder (NDM/SMP) exports all resulting in relatively high stocks levels. Adjusting for 2016 leap year 2017 milk production was up 1.7%. With milk production this strong favorable milk prices require good domestic sales and increased dairy exports...So for 2018 we could see Class III prices in the \$13's first quarter, the \$14's second quarter, low \$15's third quarter and the mid to high \$15's fourth quarter and averaging around \$14.90 for the year. Class IV could be in the \$13's through May, the \$14's through September and the low \$15's last quarter and averaging about \$14.25 for the year. Current dairy futures for Class III and Class IV show even lower prices. But prices may well end up averaging a little higher. The low milk prices first half of the year could well lower both the number of milk cows and the increase in milk per cow. Dairy exports for the second half of the year could also do better than now expected.



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The WI Cover Crop Conference is only a month a way!

Please help us advertise the conference, I've attached the updated flyer with the full agenda. The full agenda is also posted on the website:

<https://fyi.uwex.edu/covercrop/conference/>

We have a lot of activity going on Facebook. If you have a county Facebook page or a personal one that you use for work activities, could you help us out by liking our conference page and posts???

<https://www.facebook.com/Wisconsin-Cover-Crop-Conference-363944284030772/>

Use the Promotional Code "COVERCROPS" to receive \$5.00 Off your registration fee when you register on-line.

Central US Hemp Growers Conference & Expo

To be held in Madison, WI, February 26 and 27, 2018. More can be found at <https://centralushemp.com/>.

Wisconsin Crop Manager Articles for January 24, 2018

http://ipcm.wisc.edu/download/wcm-pdf/WCM2018/WCM_1.pdf

WI Field Crops Pathology fungicide Tests Summary

Economic Forecast for Corn Production Next Season

UW-River Falls Field Scout Training Class, March 13-14

Corn Cost of Production Estimates for 2018

EPA Open Comment Period for Neonicotinoid Insecticides

Welcome UW Soil and forage Analysis Lab Director

Top 10 +1 Issues in U.S. Dairy Markets

Very interesting graphics and information on the dairy industry from John Newton, Director of Market Intelligence for the American Farm Bureau Federation. Provides interesting graphics to tell and important story about dairy production, supplies, and world markets.

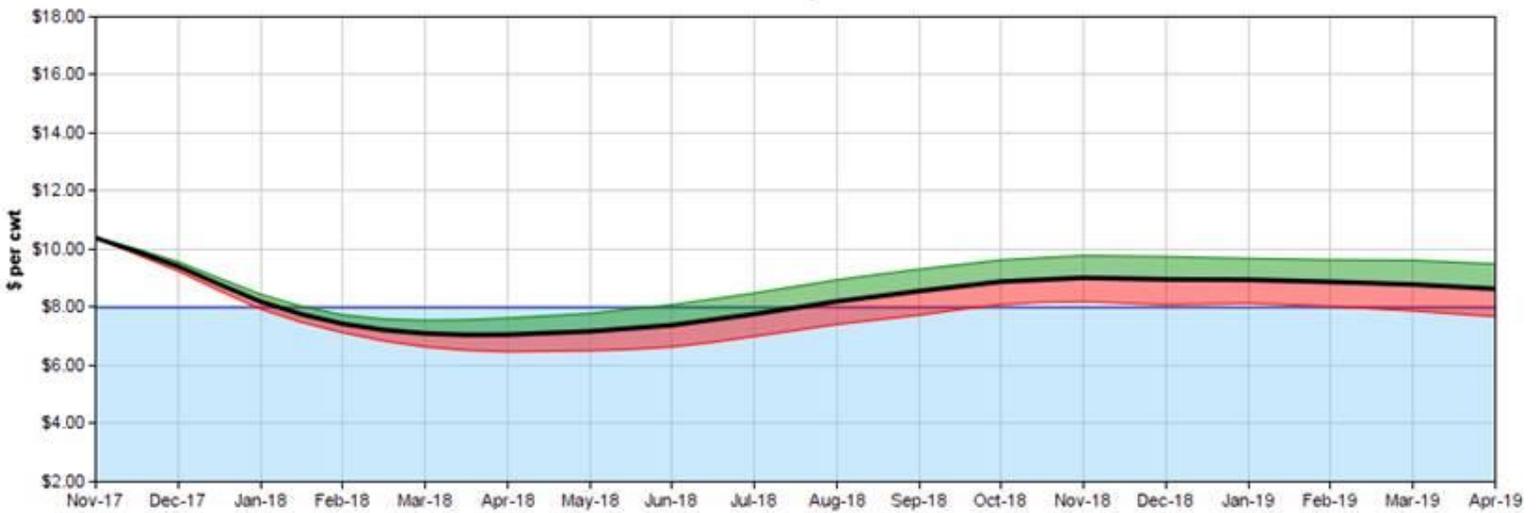
http://future.aae.wisc.edu/publications/idfa_jn.pdf

Expect very tight margins for dairy farmers in 2018

With some of the price changes occurring in the dairy marketplace, I thought I would provide a summary of our current estimates of dairy producer margins. The following table provides a summary of expected average Income Over Feed Cost (IOFC) margins (IOFC) margins as defined by USDA's [MPP program](#). These forecasts are based on futures/options data observed on 1/24/18. Not surprisingly, there are significant probabilities that the IOFC margin could be less than \$7.00 during the spring flush and then a rebounding over the last 6 months. This is consistent with the thoughts of most industry analysts (e.g., see Prof Cropp's [January outlook](#)).

Margin Level	Nov-Dec 2017	Jan-Feb 2018	Mar-Apr 2018	May-Jun 2018	Jul-Aug 2018	Sep-Oct 2018	Nov-Dec 2018	Jan-Feb 2019	Mar-Apr 2019
Expected	\$9.90	\$7.82	\$7.08	\$7.28	\$7.99	\$8.72	\$8.99	\$8.91	\$8.71
< \$8.00	-	72%	90%	78%	52%	27%	20%	22%	30%
< \$7.50	-	16%	73%	61%	34%	13%	9%	10%	18%
< \$7.00	-	1%	47%	40%	18%	6%	3%	4%	9%
< \$6.50	-	-	21%	22%	8%	2%	1%	1%	3%
< \$6.00	-	-	6%	9%	3%	-	-	-	1%
< \$5.50	-	-	1%	3%	1%	-	-	-	-
< \$5.00	-	-	-	1%	-	-	-	-	-
< \$4.50	-	-	-	-	-	-	-	-	-
< \$4.00	-	-	-	-	-	-	-	-	-

This table shows the expected margin and probability of a Payment in the two-month intervals protected by the insurance levels in the Margin Protection Plan. The Expected Margin and Probabilities are calculated from futures market data available on 01/24/2018.



The colored bands show the middle 50% probability interval for forecast margins. There is a 25% chance that the margin could be above the green band and a 25% chance that the margin could be below the red band. The graph data and probabilities are calculated from futures market data available on 01/24/2018.

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Alternative Antibiotic Gives Piglets a Boost

January 24, 2018

An amino acid produced naturally in humans, swine and other species shows promise as an alternative to antibiotics and growth promoters for piglets.

Agricultural Research Service ([ARS](#)) scientists found that L-glutamine fed to piglets produced positive growth and health effects. This news comes at an opportune time in light of the [2017 Veterinary Feed Directive](#) banning the use of antibiotics in swine diets for promoting growth.

Prior to the ban, producers used certain dietary antibiotics to improve the productivity of animals after stressful events such as weaning and transportation, according to [Jay Johnson](#), an animal scientist at the ARS [Livestock Behavior Research Unit](#) in West Lafayette, Indiana. He and his colleagues investigated L-glutamine as a natural remedy to improve intestinal health of piglets undergoing stress and improve welfare and productivity.

Some consumers take L-glutamine, and the synthetic form glutamine, as a supplement to counter side effects of medical treatments, strengthen the immune system, prevent infections and improve digestive health.

In piglets, stress can reduce immune function and leave the animals more susceptible to disease. Supplements that improve digestive health, nutrient absorption, or the intestinal microflora can help remediate these effects and improve the animal's welfare, according to Johnson.

In a study published in the [Journal of Animal Science](#) in 2017, Johnson and his team weaned and transported piglets and then fed them a dry-feed diet formulated in one of the following three ways: mixed with dietary antibiotics, mixed with L-glutamine, and mixed with no supplements.

Piglets on the L-glutamine diet had better growth and intestinal health than piglets in the other groups. Piglets on the L-glutamine diet ate 60 percent more food than did those in the other groups. And piglets that received neither dietary antibiotics nor L-glutamine had increased intestinal damage, reduced growth, and increased behaviors associated with illness compared with piglets given antibiotics or L-glutamine.

ARS has filed a patent application for this technology.

Stay tuned to learn the amount or concentration of L-glutamine that is required in swine diets to get this response. Good news for swine producers.

New vaccine for Salmonella in pigs and Typhimurium and Salmonella in turkeys

More good work from USDA – ARS (Ag Research Service)

A new vaccine developed by ARS scientists can protect food animals such as pigs and turkeys against both human- and animal-disease-causing *Salmonella*. In experiments, the vaccine protected pigs against two types of *Salmonella*-*Typhimurium* and *Choleraesuis*. It also protected turkeys against *Typhimurium* and the multidrug-resistant *Salmonella* type, Heidelberg.

Weekly Emails Online!

<http://columbia.uwex.edu/ag-calendar-and-deadlines/>

The Ag Reporter “Snapshot” is presented to you each week by George Koepp, Columbia County UW-Extension Agriculture Agent. If you have any questions about these articles or need other ag-related information, please contact George at 608-742-9682 or by email george.koepp@ces.uwex.edu.