

**THE NEXT
GAME CHANGER
IN LIVESTOCK
NUTRITION**

AKMC



AKMC

WHAT IS AKMC?

AKMC is Agri-King's latest nutritional supplement to help livestock get the most from nutritionally-challenging feeds.





WHO WE ARE

*"Capturing the nutritional value
in feeds is the key to profit."*

Founded in 1968, Agri-King is an animal nutrition company committed to the success and profitability of livestock producers worldwide. With over 50 years of experience, we're committed to serving the farming community by using the most-advanced nutritional concepts in all our products.



BETTER PRODUCTION

A trial featuring over 10,000 cows from 31 different farms sought to measure changes in production when AKMC was incorporated into the diet. By the end of the trial, 75% of the farms experienced increases in energy-corrected milk, including 61% of farms that saw ECM increase by 2.0 pounds or more. Additionally, the farms in the trial saw increases in fluid milk production (average increase of 1.87 lbs.) and fat (0.02%), along with decreases in somatic cell count (average decrease of 14,130).

DID YOU KNOW?

Mycotoxins like vomitoxin and T-2 can compromise gut wall integrity in livestock. Even small amounts of these toxins in feeds can have a negative impact on nutrient absorption and increase disease risk by weakening the immune system.

INDIVIDUAL FARM SNAPSHOTS

CLIENT #49841

<u>ECM</u> +7.8 lbs.	<u>Fluid Milk</u> +7.8 lbs.
<u>Vomitoxin (Corn Silage)</u> 6.1 ppm	<u>Zearalenone (Corn Silage)</u> 12 ppb

CLIENT #21712

<u>ECM</u> +4.7 lbs.	<u>Fluid Milk</u> +4.51 lbs.
<u>Vomitoxin (Corn Silage)</u> 2.6 ppm	<u>Zearalenone (Corn Silage)</u> 178 ppb

CLIENT #12856

<u>ECM</u> +4.4 lbs.	<u>Fluid Milk</u> +4.2 lbs.
<u>Vomitoxin (Corn Silage)</u> 3.0 ppm	<u>Zearalenone (Corn Silage)</u> 695 ppb

CLIENT #42656

<u>ECM</u> +3.5 lbs.	<u>Milk Fat</u> +0.19%
<u>Vomitoxin (Corn Silage)</u> 4.30 ppm	<u>Zearalenone (Corn Silage)</u> 1,128 ppb

CLIENT #50779

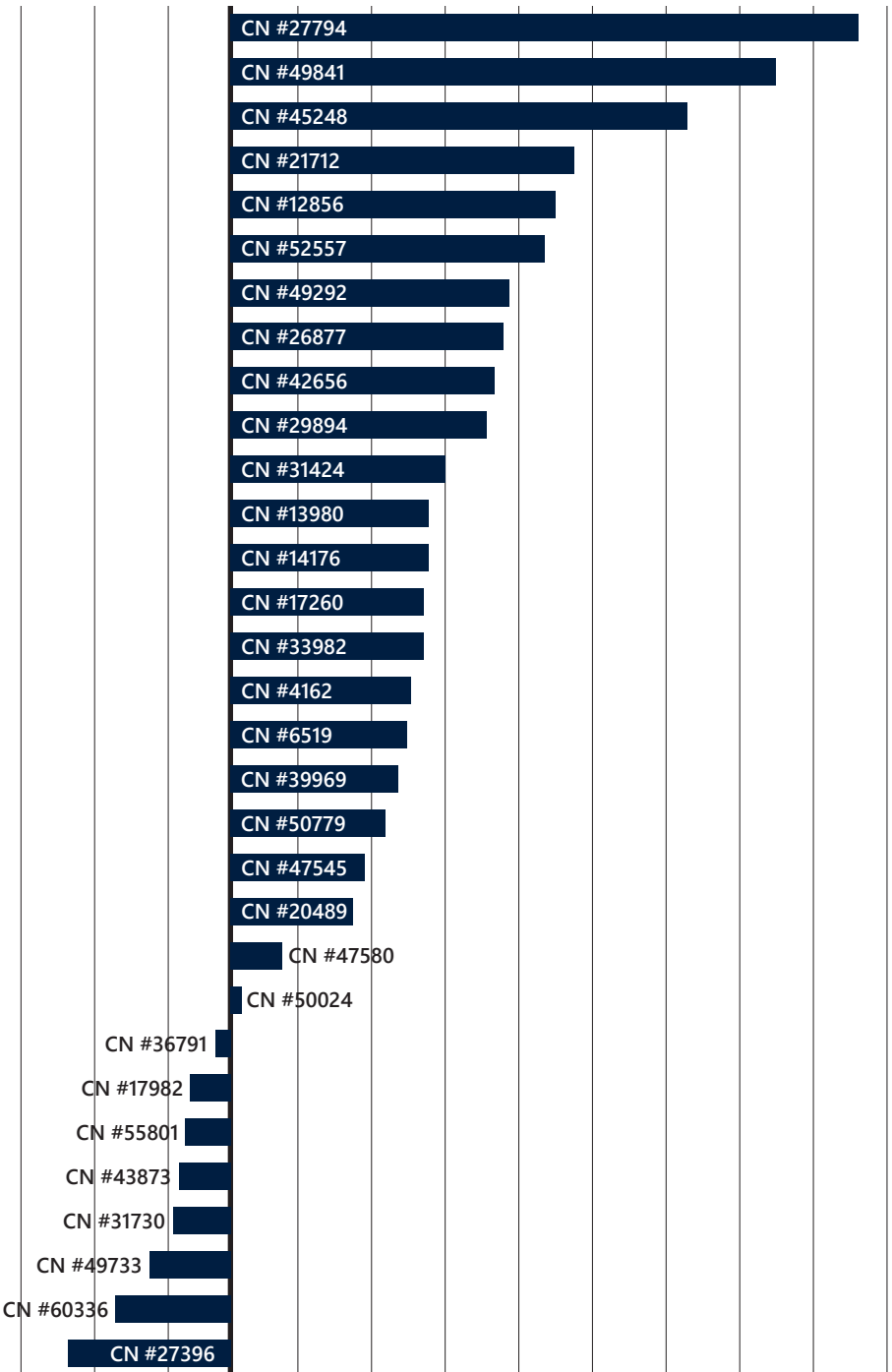
<u>ECM</u> +2.2 lbs.	<u>Milk Fat</u> +0.11%
<u>Vomitoxin (Corn Silage)</u> 2.6 ppm	<u>Zearalenone (Corn Silage)</u> 343 ppb

CLIENT #14176

<u>ECM</u> +2.6 lbs.	<u>Fluid Milk</u> +1.7 lbs.
<u>Vomitoxin (Corn Silage)</u> 3.0 ppm	<u>Zearalenone (Corn Silage)</u> 876 ppb

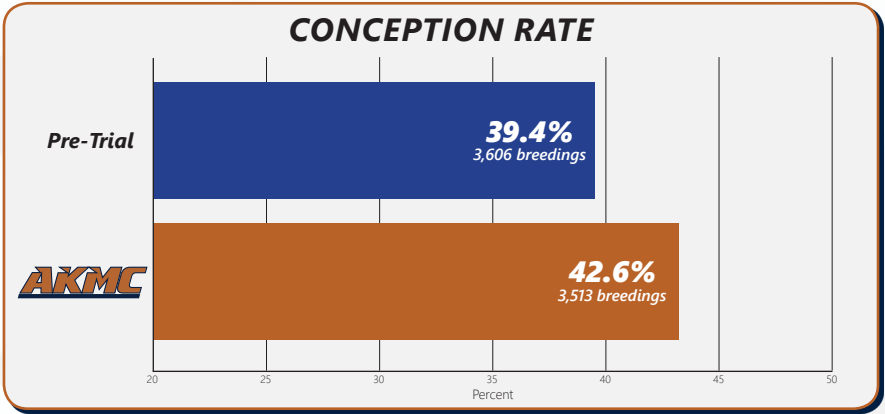
TRIAL RESULTS - CHANGE IN ECM (LBS.)

-3.0 -2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0



REPRODUCTION SUCCESS

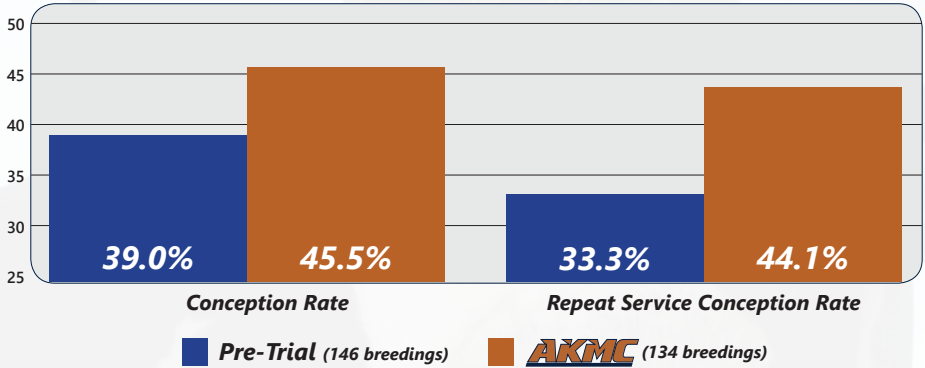
Conception rate was monitored at multiple large dairies both before and after AKMC was incorporated into their respective rations. Research shows, on 7,119 total breedings, AKMC helped boost conception rates by 3.2 percentage points.



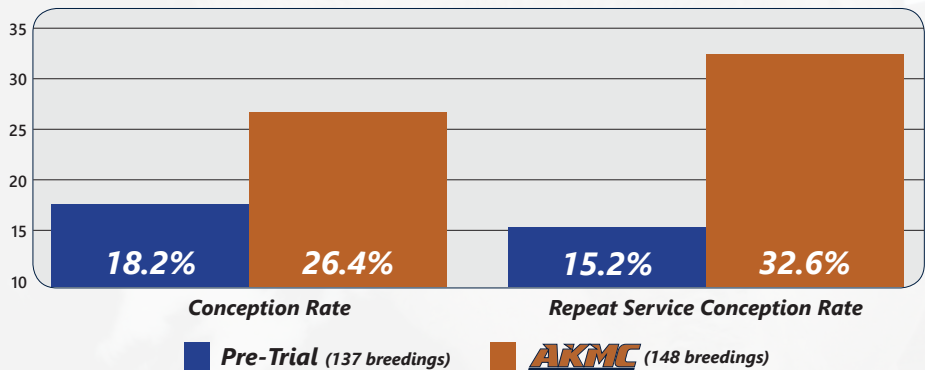
BREEDING RECORD ANALYSIS AT CN #38849

	Number of First Service Breedings, Total	Number of First Service Breedings by Activity	Percent First Service Breedings by Activity
Pre-Trial	23	18	78%
AKMC Week 1-3	25	22	88%
AKMC Week 4-6	28	26	93%
AKMC Week 7-9	29	29	100%

BREEDING RECORD ANALYSIS AT CN #50779



BREEDING RECORD ANALYSIS AT CN #4162



BREEDING RECORD ANALYSIS AT CN #52557

	16 months pre-trial	AKMC Week 1-3	AKMC Week 4-6	AKMC Week 7-9
Percent of heats DSLH* 18-23 days	44.9%	41.4%	47.6%	61.1%
Percent of early embryonic loss in all breedings	29.2%	22.7%	22.2%	13.6%

*Days since last heat

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