



**World Dairy Expo
Ganpro Booth MC #58**

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FOR IMMEDIATE RELEASE

Ganpro Improves Weight Gain in Calves

New test results show calves receiving a milk replacer supplemented with Ganpro direct fed microbials were 14 pounds heavier than the control group

CLEVELAND (October 2, 2011) – In a recent eight-week trial conducted in the Midwest, calves fed milk replacer supplemented with the [Direct-Fed Microbial \(DFM\) Ganpro](#) significantly outperformed calves fed a traditional milk replacer with an antibiotic. Calves supplemented with Ganpro at the rate of 2 billion colony forming units (CFUs) per day were 14-lbs. heavier than the control group. Calves which were fed Ganpro consumed significantly more starter feed and converted calves to weight gain 17% more efficiently than the control group.

Ganpro DFM improves feed efficiency in calves to produce a heavier, bigger animal through natural means. Produced by Geneden Biotech, one of the United States' leading probiotic manufacturers, Ganpro is all natural, appropriate for livestock of all ages and is easy to implement across a wide range of diets and feeding situations. According to Dr. Michael Hutjens, Extension Specialist, Dairy Department of Animal Sciences from the University of Illinois, heavier calves at weaning reach breeding weight sooner and join the milking string faster.

Ganpro is a DFM, specifically engineered for the agricultural industry. Unlike other [feed additives](#), which are difficult to mix and add, Ganpro requires no

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special storage or refrigeration, can be easily pelleted and is stable for up to two years. Plus, Ganpro will not react with other ingredients and can be delivered via feed or water metering systems.

The secret behind Ganpro's success is the patented probiotic strain, *Bacillus coagulans*, which was selected for its versatility of use, capacity to survive stomach acids and ability to help increase immune response and maintain gut microflora. Inside each cell of *Bacillus coagulans* is a spore, which is similar to a seed. This spore serves as protection against the strong acids in the stomach ensuring that the spore arrives alive and then thrives in the intestines. Many traditional DFMs contain strains of probiotics that are unable to form this protective layer, making them more vulnerable.

Recently, there has been a great deal of debate about D-lactic acidosis and the contribution of certain DFM strains to the D-lactic acid pool, which may contribute to this metabolic disorder. Ganeden Biotech recently completed a study to determine which lactic acid isomers its *Bacillus coagulans* strain produces. Results indicated that unlike other lactic acid producing bacteria, *Bacillus coagulans* bacteria produces predominately (~90%) of the L+ isomer, which does not contribute to the D- lactic acid pool, which can lead to D- lactic acidosis.

Ganpro has been accepted for use by the U.S. FDA Center for Veterinary Medicine and approved by the Association of American Feed Control Officials (AAFCO). Ganpro has not had a single report of adverse effects, is nonpathogenic, nontoxicogenic and produces no antibiotics.



Ganpro is one of the few probiotics manufactured in the U.S. Samples and trial study results are available upon request. For additional information, call 440-229-5200 or visit ganprodfm.com.

About Ganeden Biotech

Founded in 1997, Ganeden Biotech is a privately held company based in Cleveland, Ohio. Ganeden Labs was formed in 2006, which is the licensing and development division of Ganeden Biotech's probiotic research. In 2009, Ganeden Biotech launched its first animal feed product branded as Ganpro, developed specifically to meet the needs of cattle, poultry and swine producers. For more information about Ganpro visit www.ganprodfm.com and for more information about the other products Ganeden Biotech has to offer visit www.ganedenlabs.com.

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