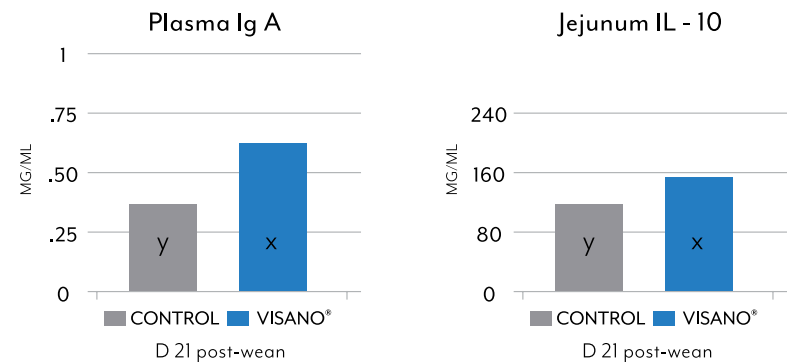


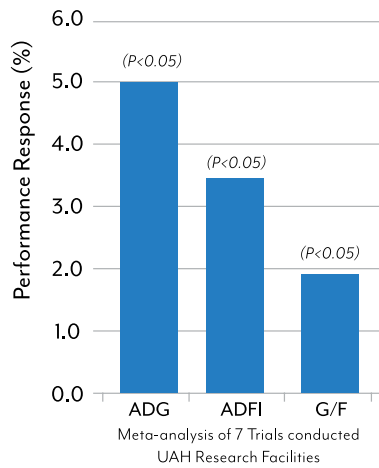
Feeding Visano in Nursery Improves Piglet Performance

- Improves Average Daily Gain
- Improves Average Daily Feed Intake
- Improves Feed Efficiency
- Enhances Immunity

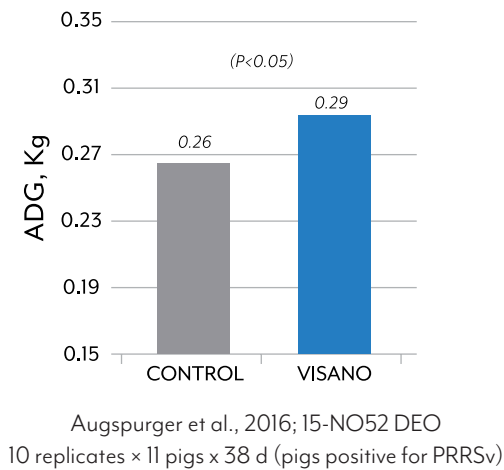
Visano Enhances Systematic & Localized Immunity¹



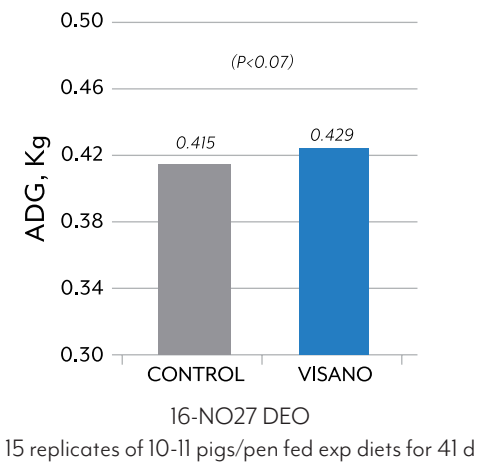
In Enterically Healthy Pigs Across 7 Trials Meta-analysis



IN PRRS CHALLENGED PIGS 10% Improved Growth Rate



IN THE PRESENCE OF ANTIBIOTICS 3.3% Improved Growth Rate



References

1. Lewton, J. et al, 2022. Effects of a multi-strain Bacillus subtilis-based direct-fed microbial on immunity markets and intestinal morphology in diets fed on weanling pigs. Oxford University Press on behalf of the American Society of Animal Science, 2022. <https://doi.org/10.1093/tas/txac083>
2. Lewton, J. et al, 2021. Effects of a multi-strain Bacillus subtilis-based direct-fed microbial on weanling pigs growth performance and nutrient digestibility. Oxford Press on behalf of the American Society of Animal Science, 2021. <https://doi.org/10.1093/tas/txab058>
3. Augspurger, N. et al, 2018. Effect of a Bacillus subtilis-based direct-fed microbial feed additive on the lactation performance of sows and their offspring. Journal of Animal Science, Volume 96, Issue suppl.2, April 2018, Pages 187-188. <https://doi.org/10.1093/jas/sky073.345>
4. UAH 15-S031 DEO (DEC 2013-SEPT 2015). Effect of Visano supplementation on sow lactation and piglet performance.



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VISANO®



Visano is a multi-strain, Bacillus-based direct-fed microbial that drives performance in sows and nursery pigs.

- Improve nutrient digestibility and boost immunity.
- Increases sow lactation feed intake and productivity.
- Improves weaned pig startup.
- Drives nursery growth for maximum grow-finish outcomes.



UNITED
ANIMAL HEALTH

*The United Animal
Health Story*

United Animal Health is a global Ag Biosciences company based in the United States, providing animal nutrition & health products worldwide.



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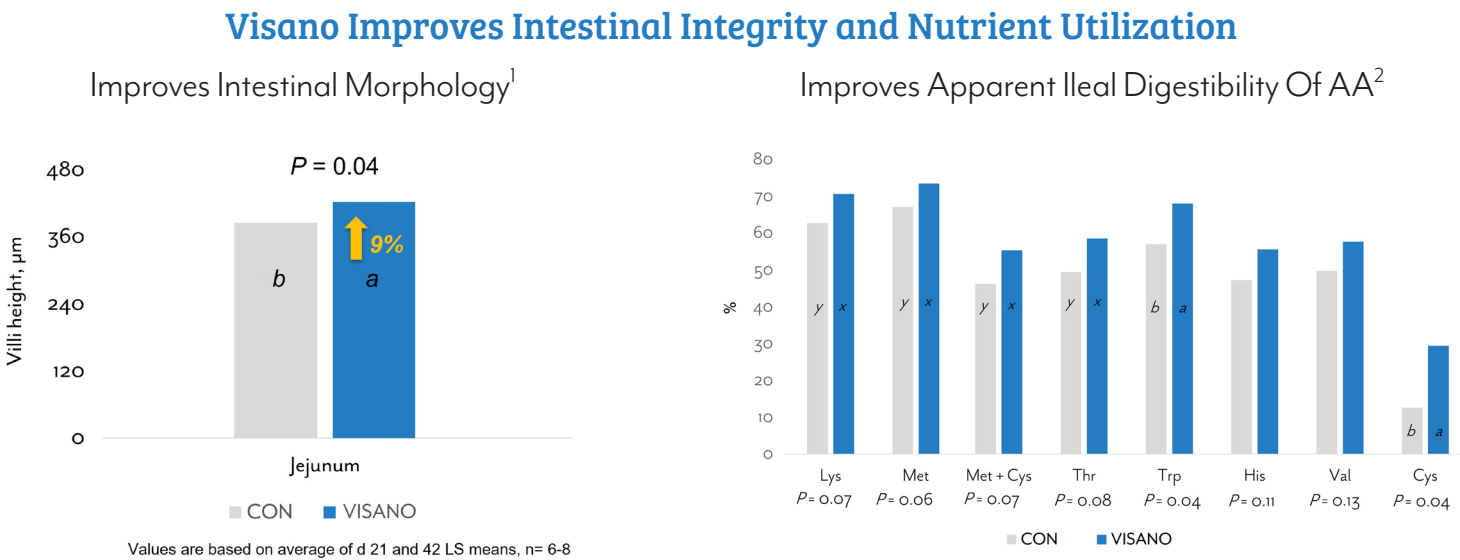
SCIENTIFICALLY BETTER
Strains Isolated From High Performing Swine

Visano consists of proprietary *Bacillus* strains isolated from swine. This approach ensures Visano strains are safe and can colonize and thrive in the intestinal environment. Furthermore, these strains were not only unique to swine exhibiting superior health and performance, but were found to have the greatest correlation to swine exhibiting superior Feed Efficiency and Average Daily Gain.

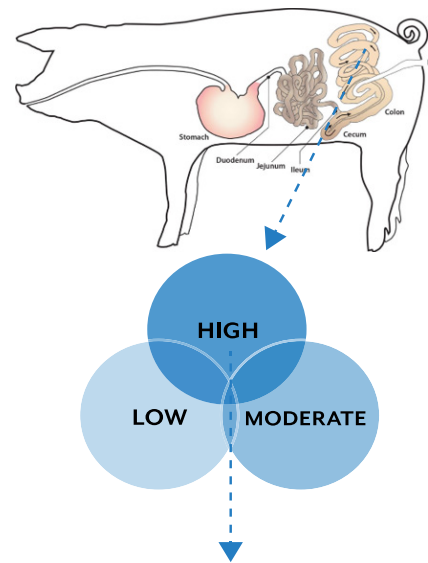
Strains Screened For Targeted Capabilities

- Superior Enzyme Production
- Baseline Pathogen Inhibition
- Inflammation Reduction

	CMCase (Cellulase)	Xylanase	β-mannanase	α-amylase	phytase
Visano®	✓	✓	✓	✓	✓

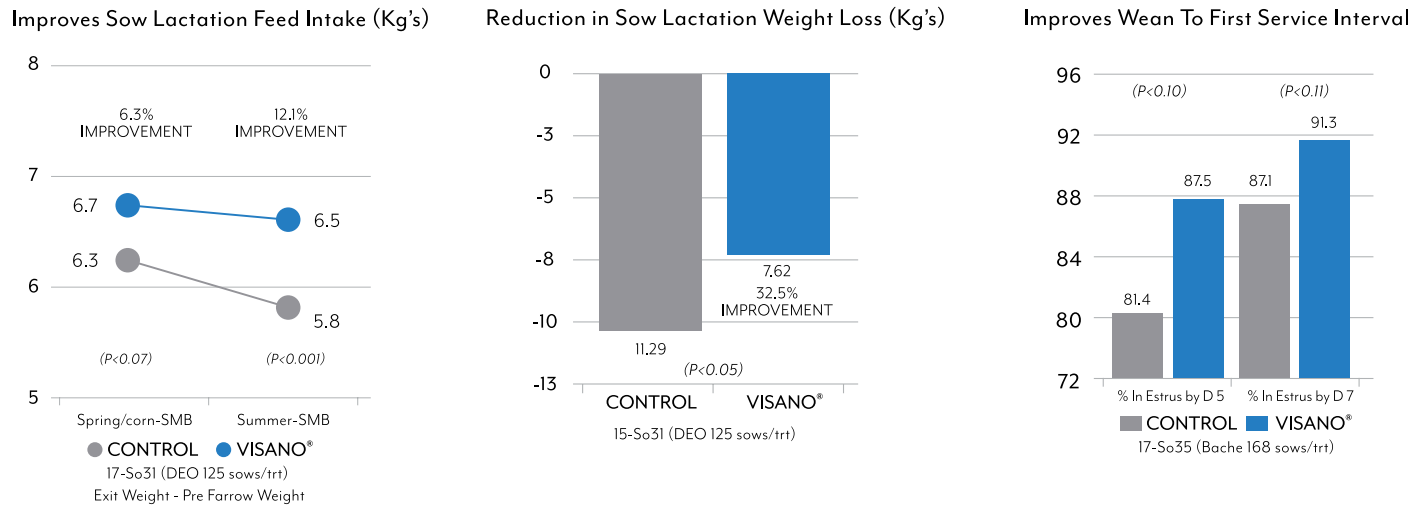


Performance Approach to
Product Development

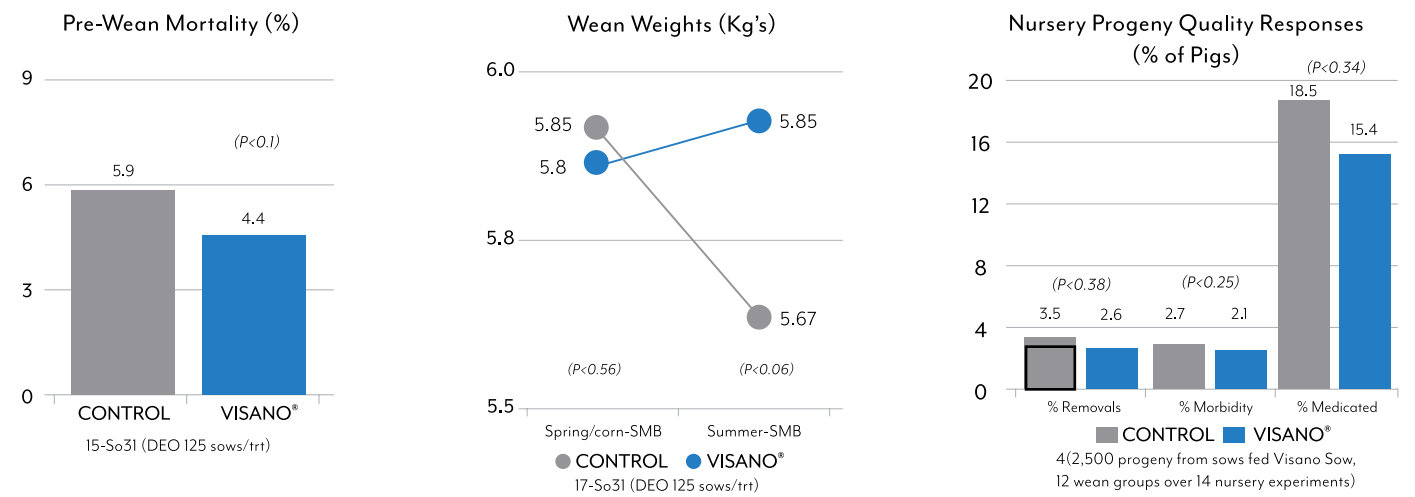


Feeding Sows Visano Drives Sow Productivity.

Improvements validated in multiple commercial scale sow trials, conducted over multiple seasons in gestation and lactation.



Feeding Sows Visano = More, Heavier and Healthier Piglets



Feeding Sows Visano
Improves Economic Returns

- More pigs per sow/year
- More \$ return per sow/year

I# Pigs Weaned/Litter	0.20 Pig Improvement
Litters Per Sow/Year	2.1 Litters/Sow/Year
Total Pigs/Sow/Year	0.42 Pig Improvement/Sow/Year
Weaned Pig Value (\$/Head)	\$40.00
Weaned Pig Revenue/Sow/Year (\$)	\$16.80 Improvement/Sow/Year
Visano Cost/Sow/Year	\$2.65
Return/Sow/Year	\$14.15
VISANO ROI (# Weaned Improvement)	> 5:1