

EXCEPTIONAL SILAGE: THE ENOGEN ADVANTAGE

Grows Strong. Feeds Fast & Lasts Long. Get Increased Feed Efficiency That May Impact Your Bottom Line.

Improved Feed Efficiency of About 5% when fed as silage or grain¹

5%



But that's just the start. Enogen[®] corn offers advantages that may impact your bottom line from day one

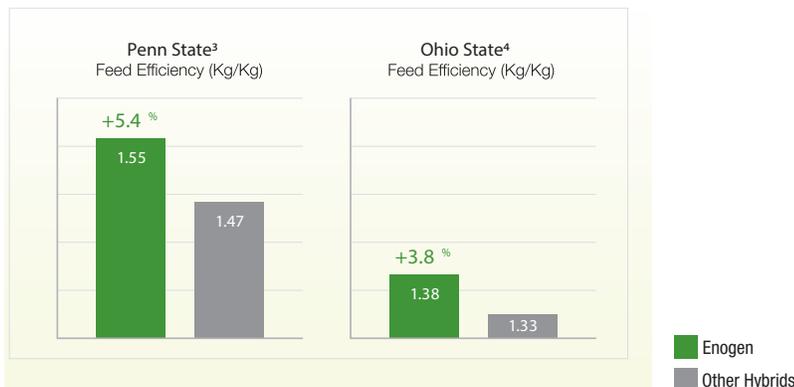
- **Farm-proven results**, demonstrating excellent yield potential with elite genetics and traits
- **Ultimate flexibility**, with the option to harvest as silage, high-moisture corn or grain
- **Silage quality and consistency**, delivering greater levels of starch digestibility and more immediately available nutrients from day one after harvest and for more than eight months in the silo²

Increases Feed Efficiency

Higher level of TDN, more available energy

A higher level of total digestible nutrients means more available energy for maintenance and production. A more digestible ration improves feed intake, which can positively impact production. Cows also readily adapt to Enogen grain or silage, making the transition seamless.

► Feed Efficiency



 **Enogen**[™]

 **syngenta**[®]

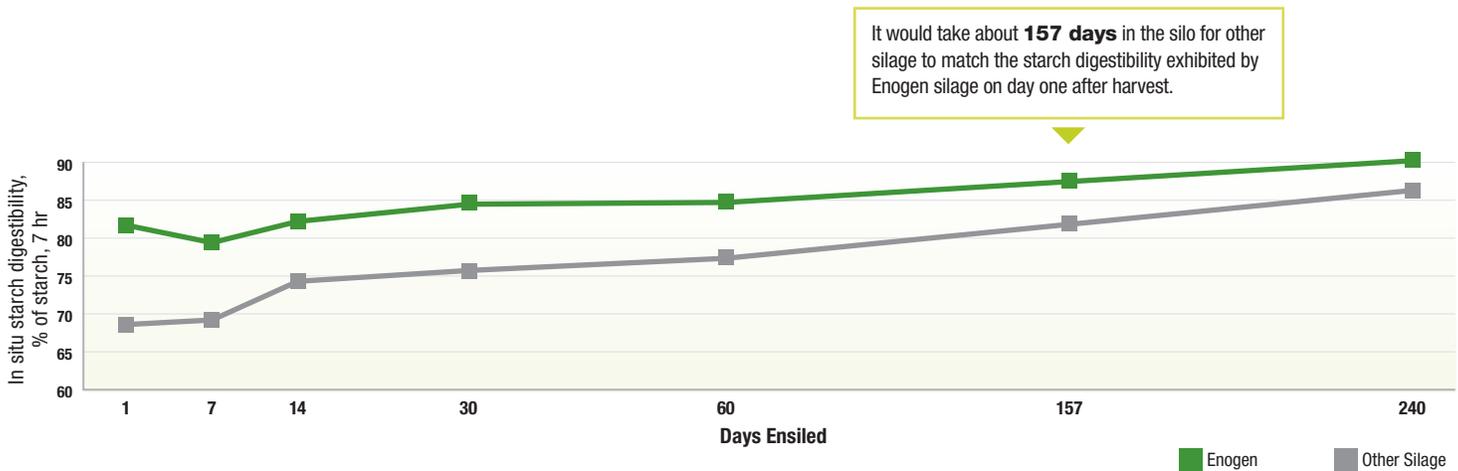
For more information, visit [Syngenta.ca/Enogen](https://www.syngenta.ca/Enogen) or contact your Enogen representative.

Feeds Fast & Lasts Long

Starting at day one, Enogen silage delivers more available energy to your dairy cows²

Enogen corn contains a highly efficient alpha amylase enzyme that converts starch to usable sugars quickly, delivering more available energy for your dairy cows. Enogen grain or silage is not only high in energy, it's also easily digestible, leading to increased post-ruminal and total tract digestion.¹

From day one, when you chop and store Enogen silage properly, the alpha amylase enzyme works almost immediately to increase starch digestibility and improve silage quality.



Enogen silage may last longer than other silage⁵

- **+42 hours of aerobic stability** in a standard lab “bucket” test
- **12% higher level of acetate** (which may act as a preservative)

Enogen silage may reduce methane emissions

- **7% less methane** per unit of milk produced^{3,4}
- **14-15% less methane** per unit starch or dry matter intake⁴

OUR STEWARDSHIP COMMITMENT

As a high-value output product, Enogen corn for feed must be grown as an Identity Preserved (IP) crop and fed on-farm only. Farmers must adhere to all applicable stewardship requirements and sign and comply with an Enogen contract with Syngenta.



¹ University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Studies, 2017-2018, Pennsylvania State University, 2019.

² Syngenta Contract Research 2019: Estimated from linear regressions for each hybrid type, R² > 84%, Enogen n=104, Other n=64. Trials were conducted in the U.S. and included a Canadian Enogen hybrid and U.S. Enogen hybrids

³ Cueva et al. 2021. Lactational performance, rumen fermentation, and enteric methane emission of dairy cows fed an amylase-enabled corn silage. J. Dairy Sci. 104, vol 9, 9827-9841. <https://doi.org/10.3168/jds.2021-20251>

⁴ Rebelo, L., C. Lee, W. Weiss, and M. Eastridge. 2020. Effects of Enogen Feed corn silage and corn grain on nutrient digestibility, production, and enteric methane emission in lactating cows. J. Dairy Sci. 103 (Suppl. 1): 171 (Abstract)

⁵ Kansas State University Research Studies, 2017

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