

Energize Your Dairy Operation

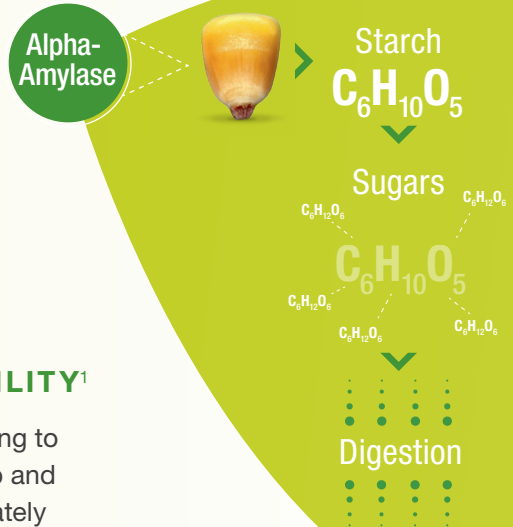


Through extensive R&D, we combine proven genetics and strong agronomic characteristics in the field as well as substantial changes in starch and sugar availability in the ration.

Enogen® hybrids feature standout digestibility and high tonnage potential to help maximize your dairy herd's true potential.

WHAT SETS ENOGEN APART FROM OTHER HYBRIDS?

The alpha-amylase in Enogen corn drives the conversion of starch to usable sugars more efficiently, increasing digestibility compared with other corn. This leads to increased post-ruminal and total tract digestion. A more easily digested ration means more available energy for cattle which can **positively impact production and may decrease feed costs.**

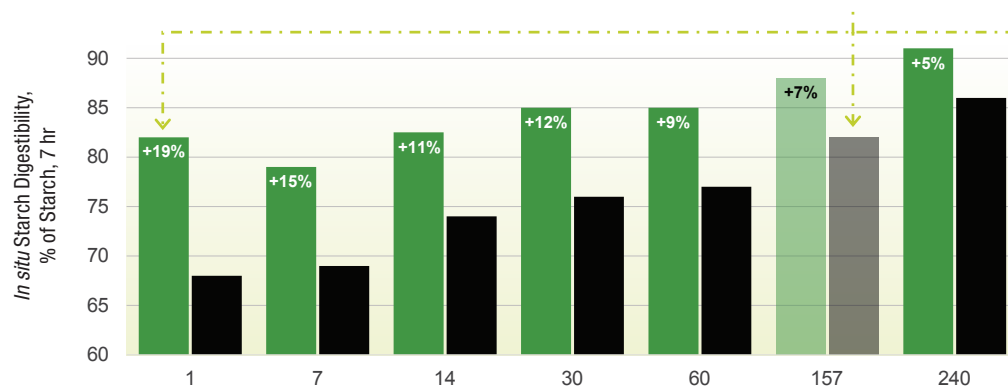


ENOGEN CORN SHOWS UNMATCHED STARCH DIGESTIBILITY¹

Enogen grain or silage is not only high in energy, it's also easily digestible, leading to increased post-ruminal and total tract digestion.² 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.

STARTING ON DAY ONE, ENOGEN SILAGE DELIVERS MORE AVAILABLE ENERGY TO YOUR DAIRY COWS¹

It would take about **157 days** in the silo for other silage to match the starch digestibility exhibited by Enogen silage on day one after harvest.



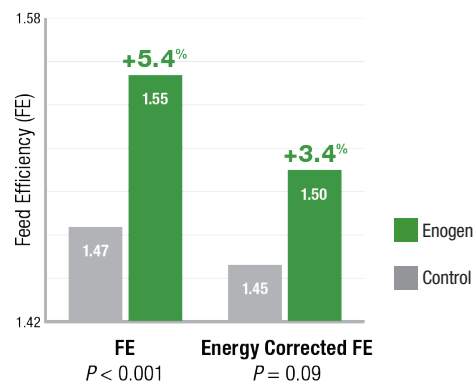
Even after eight months in silo, the starch digestibility in Enogen silage was still about **5% greater** than other silage.

■ Enogen
■ Other Hybrids

Increased Efficiency For Fields, Feedlots and Dairies

INCREASED FEED EFFICIENCY³

A study conducted at Penn State showed that feed efficiency (FE) and energy-corrected milk (ECM) feed efficiency (ECMFE) for lactating cows fed a diet containing Enogen silage were improved by 5.4% and 3.4%, respectively, versus cows fed a diet with conventional silage, with no difference in feed intake and no negative impacts on milk components or body condition scores.³



Enogen Benefits in Silage Production or Storage:

- **High-yielding, elite genetics** that require no additional management unlike some other specialty silage hybrids⁴
- **Field trials show no yield difference** in yield potential between Enogen[®] corn and conventional silage²
- **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 silo or pit¹

Enogen Silage Benefits in Livestock Production:

- **No adverse effects on ruminal digestion or pH**, and no increase in incidence of acidosis or bloat²
- **Simple incorporation into rations** — replace your current silage with Enogen silage to help increase feed efficiency
- **Helps to optimize DMI** with production, lowering feed costs and increasing the efficiency of your operation



Improve feed efficiency by about 5% with Enogen hybrids when fed as either grain or silage.²



Visit EnogenFeed.com to find your local seller.



¹ Syngenta Contract Research 2019; Estimated from linear regressions for each hybrid type, R² > 84%, Enogen n=104, Other n=64

² University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Study, 2017; Pennsylvania State University, 2019.

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 Enogen is subject to specific yet simple stewardship requirements.