

# Enogen<sup>®</sup> Feed corn for dairy cattle

Energize your ration by choosing the right corn hybrid



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# Enogen Feed corn

A unique hybrid that provides:

- Proven genetics and strong agronomic characteristics in the field
- A step-change in starch and sugar availability in the ration for more available energy



# Benefits in the field

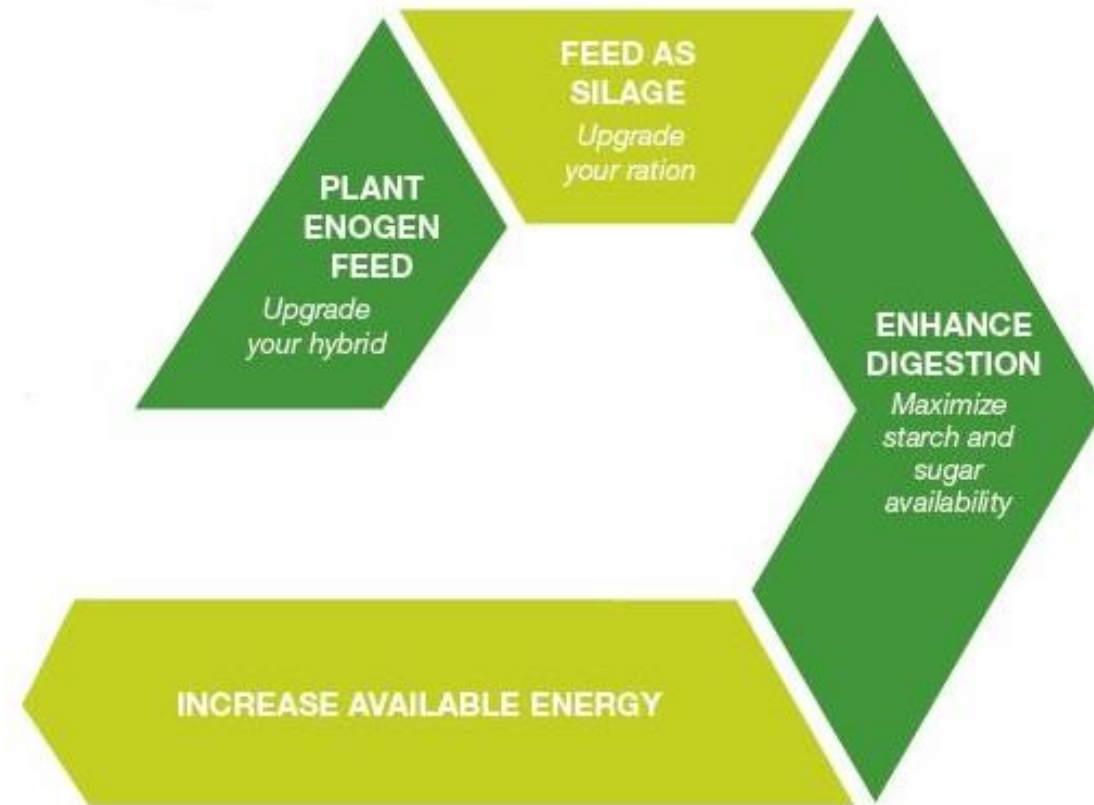
- Excellent yield potential across a variety of soil types and conditions
- Proven genetics and traits
- No additional agronomic management challenges<sup>1</sup>, unlike some silage-specific hybrids
- Performs equal to or better than other high-performing silage hybrids<sup>2</sup>



<sup>1</sup>Growers must comply with specific yet simple stewardship requirements  
<sup>2</sup>Syngenta production data from more than 1 million acres, 2012-2016.

# Unlock the energy potential of your ration

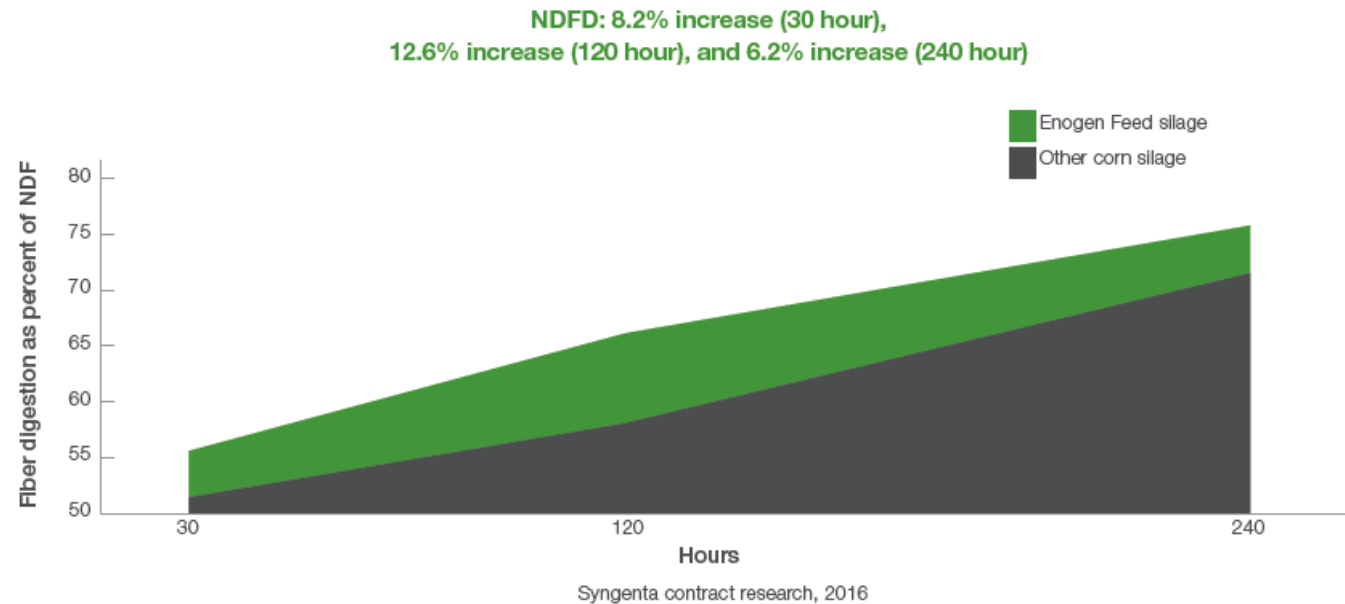
- It's as easy as replacing the silage you currently grow and feed
- Higher levels of sugar and starch availability provide more available energy
- Improved fiber digestibility provides improved intake



# Silage: neutral detergent fiber digestibility

Research on Enogen Feed as silage showed:

Enogen Feed silage offers the potential for offer higher NDFD (fiber digestibility).



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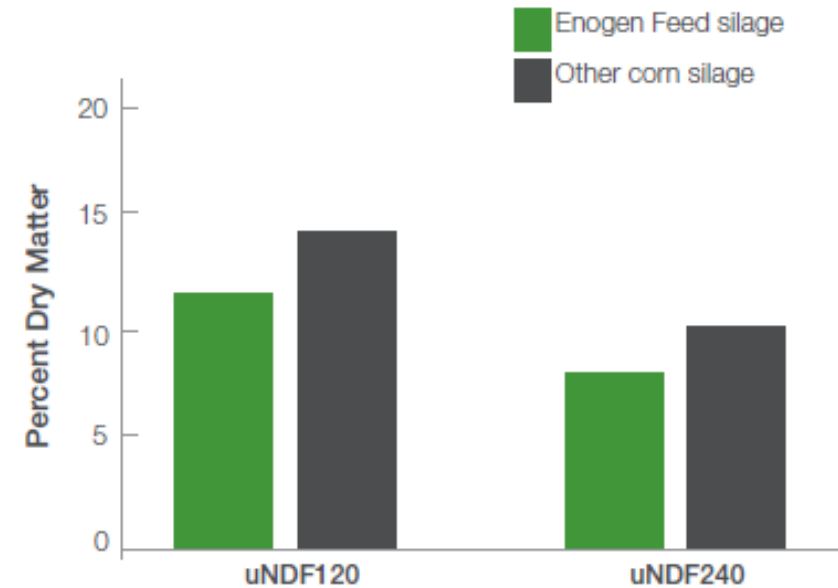


# Silage: undigestible fiber

Research on Enogen Feed as silage showed:

Enogen Feed silage may provide lower levels of undigestible fiber.

Undigestible fiber: 18.5% decrease (120 hour) and 17.4% decrease (240 hour)

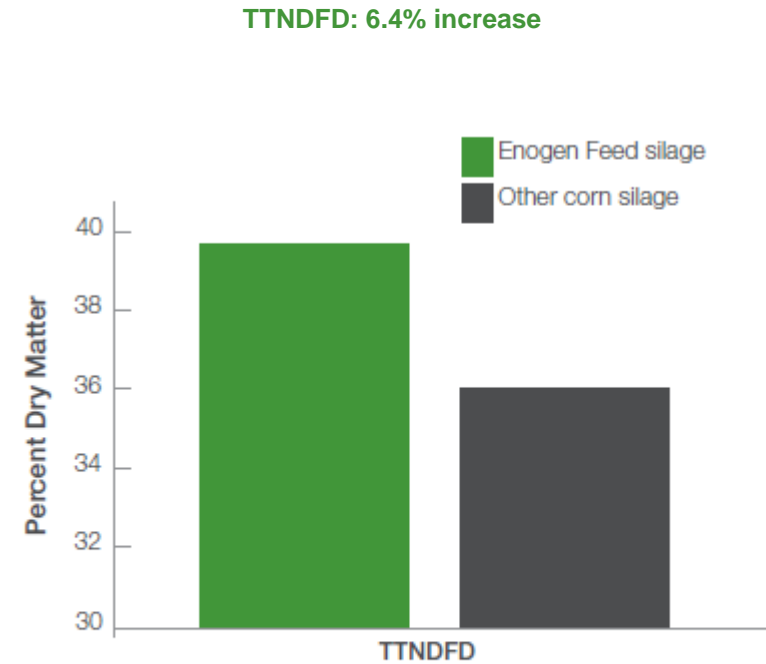


Syngenta contract research, 2016

# Silage: total tract neutral fiber digestibility

Research on Enogen Feed as silage showed:

Enogen Feed silage may provide an increase in TTNDFD.



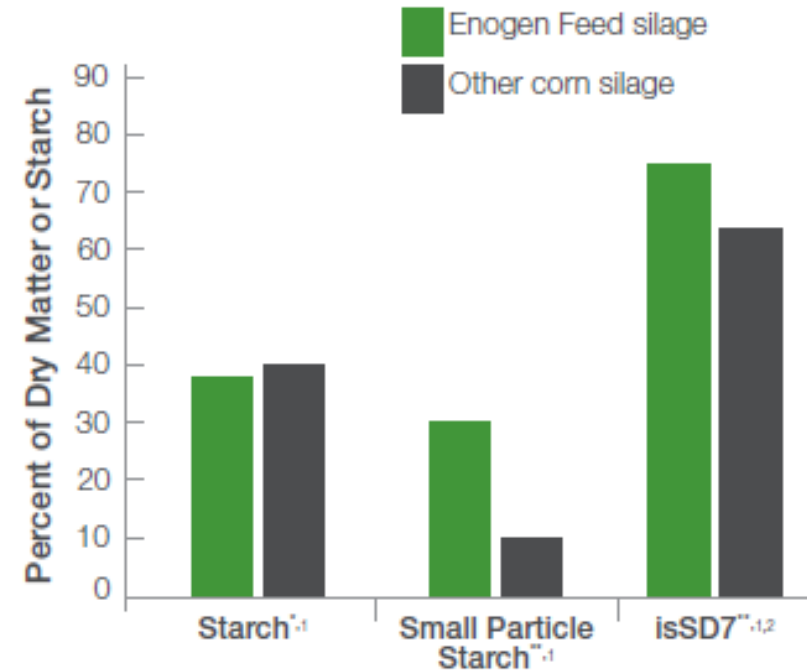
Syngenta contract research, 2016

# Silage: starch availability

Research on Enogen Feed as silage showed:

Enogen Feed silage may enable greater starch availability.

Small particle starch: 199.5% increase  
Starch digestion: 14% increase



Syngenta contract research, 2016

\*Percent of Dry Matter

\*\*Percent of Starch

<sup>1</sup>Wet chemistry data

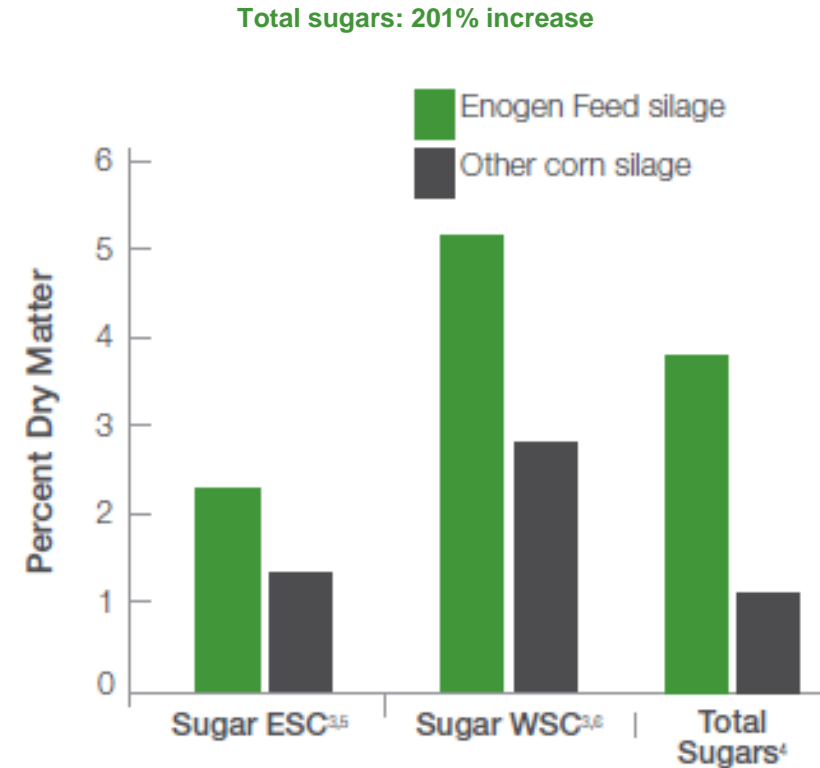
<sup>2</sup>isSD7 = In situ starch digestion after 7 hours.



# Silage: sugar availability

Research on Enogen Feed as silage showed:

Enogen Feed silage may provide higher levels of available sugar.



Syngenta contract research, 2016

<sup>3</sup>NIR Data

<sup>4</sup>Wet chemistry data for glucose, fructose, sucrose, lactose, and mannitol

<sup>5</sup>Sugar ESC – Carbohydrates that can be solubilized and extracted in 80 percent ethanol

<sup>6</sup>Sugar WSC – Carbohydrates that can be solubilized and extracted in water

**Unlock the energy potential of your ration with Enogen Feed.**

**More available energy and improved fiber digestibility means  
greater profit potential for your dairy operation.**

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