

Grow your best cereal crop with Moddus



A lodged cereal crop can result in lost yield, reduced quality, and decreased harvest efficiencies which ultimately reduce profits for growers.

With Moddus® plant growth regulator (PGR) working to mitigate lodging, growers have the freedom to plant the varieties they want, choose higher fertility input programs, or better capture upsides from seasons with plentiful rainfall for maximum ROI – all while helping maximize harvest efficiencies to save time, money and effort.

Moddus lets growers manage their cereals the way they want. It inhibits cell elongation, resulting in sturdier plants that can resist lodging so the crop stays standing until the combine is ready to roll. That strong, standing crop has more potential to fill for maximum yield and improved quality.

Technical features:

- Redirects gibberellic acid production, ultimately reducing internode elongation to help reduce the likelihood of lodging
- Helps mitigate the threat of lodging in the face of moderate to high precipitation and fertility, even when elevated nitrogen levels are carried over from a previous crop
- Performs most effectively when applied at BBCH 30 – 32, providing maximum stem strength and strong stem bases

For use on:

- Winter wheat
- Oats
- Spring wheat
- Barley

Optimal application timing:

- BBCH 30 – 32
- The application timing of Moddus fits well with the T1 timing of herbicides and/or fungicides in cereals

Active ingredient:

- Trinexapac-ethyl

Use rates:

- In winter wheat and barley: 0.42 L/ac (1.03 L/ha)
 - o 48 acres per case
- In spring wheat and oats: 0.34 mL/ac (0.83 L/ha)
 - o 60 acres per case

Water volumes:

- Ground: Use a minimum of 10 gal/ac (100 L/ha)
- Aerial: Use a minimum of 5 gal/ac (50 L/ha)

Packaging:

- Case: 2 x 10 L

Tank-mix partners:

- Speak to your Syngenta Sales Representative for more details

Did you know...

In numerous field trials, we saw harvest efficiencies increase in Moddus treated sections of a field versus the untreated checks. The end result? More acres harvested faster, putting more money back in our growers' pockets.¹



¹Syngenta research authorizations conducted across Canada from 2018 to 2020. Return on investment (ROI) is based on the rates and application timing above. Individual results may vary.

Always read and follow label directions. Moddus®, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. Other trademarks are property of their respective owners. © 2021 Syngenta.

Moddus gives you a stronger crop to reach for higher yields

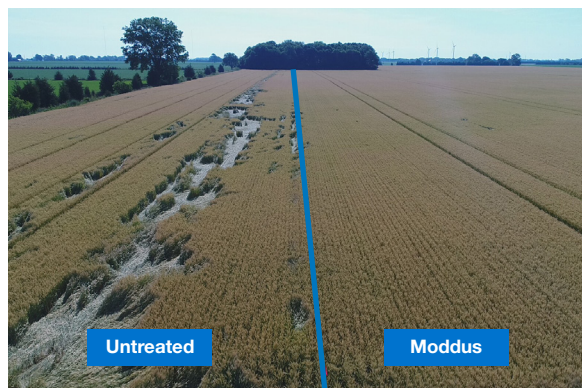
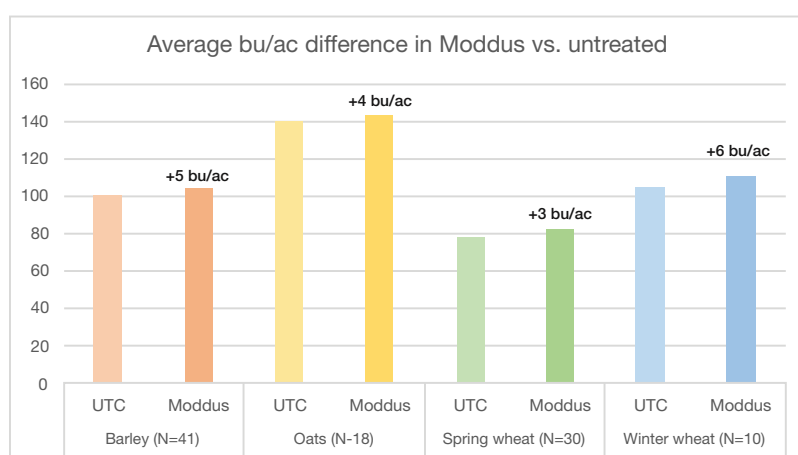


Photo captured in Amherstburg, ON, in 2020.



Photo captured in Ayr, ON, in 2018.

Moddus helps maintain yield



Yield differences vary depending on variety, degree of lodging, fertility, etc.

Source: Syngenta research authorization trials conducted across Canada from 2018 to 2020.

Examples of potential ROI

Assumption for winter wheat:						
\$ for SRWW	x	Improved yield with Moddus	-	Cost of Moddus	=	ROI
\$6.50/bu	x	6 bu/ac	-	\$15.88/ac	=	\$23.12/ac
\$7.50/bu	x	6 bu/ac	-	\$15.88/ac	=	\$29.12/ac

Assumption for spring wheat:						
\$ for HRSW	x	Improved yield with Moddus	-	Cost of Moddus	=	ROI
\$6.50/bu	x	3 bu/ac	-	\$12.70/ac	=	\$6.80/ac
\$7.50/bu	x	3 bu/ac	-	\$12.70/ac	=	\$9.80/ac

Return on investment is based on the foregoing assumptions. Individual results may vary.

Performance evaluations are based on internal trials, field observations and/or public information. Data from multiple locations and years should be consulted whenever possible. Individual results may vary depending on local growing, soil and weather conditions.

For more information, visit Syngenta.ca/Moddus, contact our Customer Interaction Centre at 1-877-SYNGENTA (1-877-964-3682), or follow @SyngentaCanada on Twitter.

