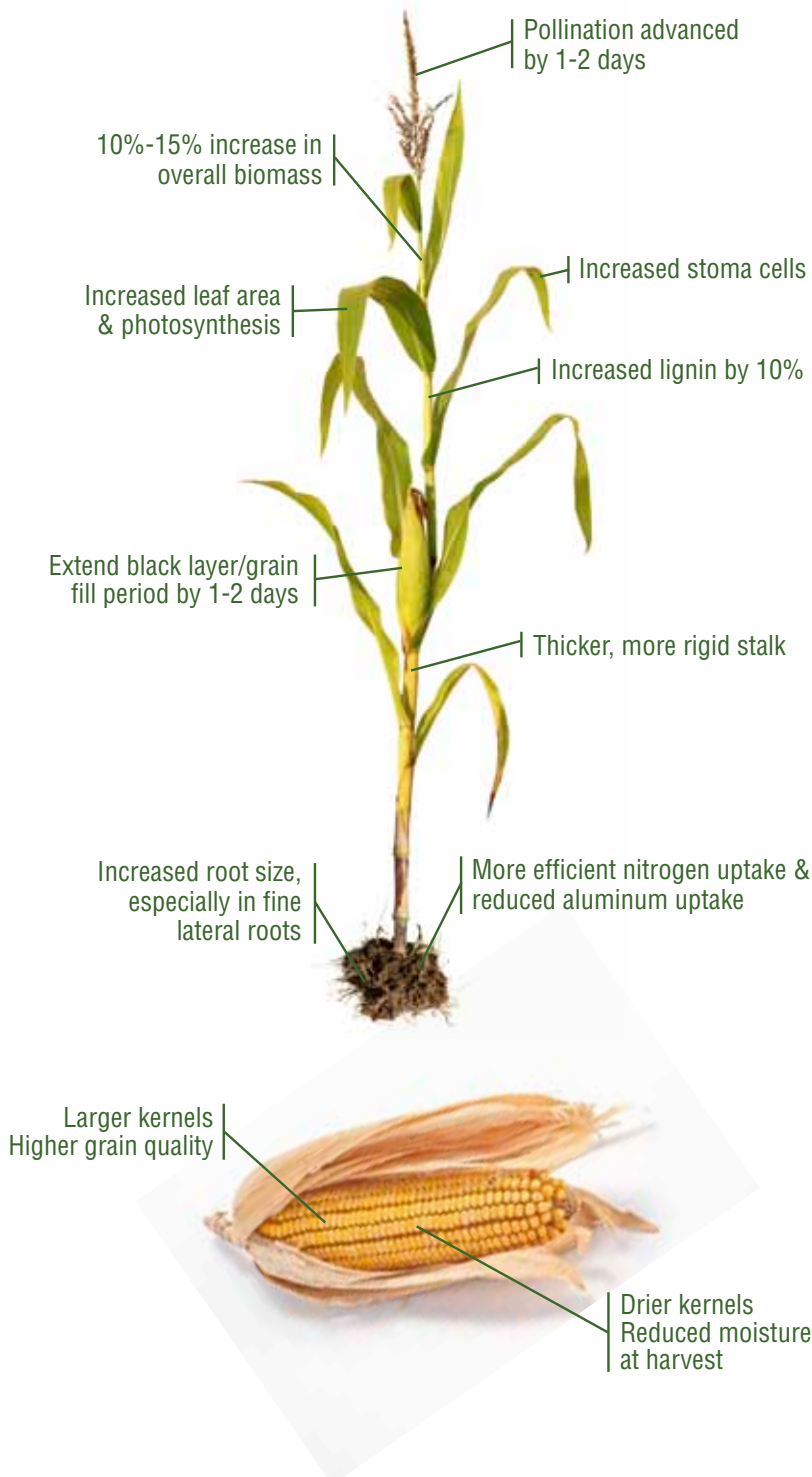


# Healthier Plants. Healthier Profits.

Yield Igniter® fertilizer improves plant health for increased yield potential – an average of 7.6 bushels per acre in on-farm testing. Featuring convenient application options and backed by USDA data, Yield Igniter fertilizer works on both the plant and the soil to improve nutrient efficiency and profit opportunity.



## Increase Yield

- 7.6 bushels per acre average yield increase
- 79% positive response rate for all users
- No additional application costs

## USDA-Tested for Proven Results

- USDA-ARS research since 2009
- Showed increased leaf area and biomass
- Increased yield on all corn varieties

## Additional Benefits

- Drier corn at harvest
- More phosphorus availability in soil can save \$20-\$25 per acre
- Increased stover nutrients

Source: USDA-ARS mega-test plots in 2009, 2010 and 222 comparisons of side-by-side on-farm spraying

## Profit Potential

Price of Corn	Profit Potential*
\$3	+ \$11.92 per acre
\$4	+ \$19.52 per acre
\$5	+ \$27.12 per acre
\$6	+ \$34.12 per acre
\$7	+ \$42.32 per acre

\*Based on \$10.88/acre mini-bulk pricing and 7.6 average increased yield per acre

# Healthier Plants. Healthier Profits.

## Add Up Your Profit

$$\begin{array}{rcl} \mathbf{7.6 \text{ Bushels}} & \times & \mathbf{100} \\ \text{Average Yield Igniter Increase} & & \text{Number of Acres} & = & \mathbf{760} \\ & & & & \text{Yield Igniter Bushels} \end{array}$$

$$\begin{array}{rcl} \mathbf{760} & \times & \mathbf{\$5} \\ \text{Yield Igniter Bushels} & & \text{Price of Corn} & = & \mathbf{\$3,800} \\ & & & & \text{Gross Yield Igniter Profit} \end{array}$$

$$\begin{array}{rcl} \mathbf{\$10.88} & \times & \mathbf{100} \\ \text{Yield Igniter Cost per Acre} & & \text{Number of Acres} & = & \mathbf{\$1,088} \\ & & & & \text{Cost to Apply} \end{array}$$

**\$2,712**  
Net Yield Igniter Profit

Additional Profit and Savings of Yield Igniter per Acre:

**Moisture Reduction**  
\$3-\$5 per acre average

**Decreased Phosphorus Application**  
\$22.50 per acre average

Calculations above are based on 2012 pricing.

## Application Guidelines

	Starter	Pre-Emerge	Post/Foliar
<b>Rate</b>	3 pints or 48 oz. per acre	3 pints or 48 oz. per acre	3 pints or 48 oz. per acre
<b>Mixture</b>	10-34-0 plus Yield Igniter Starter	10-40 gals of water/fertilizer/herbicide sol.	10-20 gals of water herbicide/glyphosate sol.
<b>Placement</b>	Directly in or on top of furrow	Broadcast or banding	Broadcast or banding
<b>Timing</b>	Does not apply	Immediately after planting – up to 5 days	V-3 – V-8 Optimal at V-6
<b>Reduced Response</b>	2x2 or 4x4 placement	Incorporation	After sundown Rain-fast – 1 hour Dewy conditions

## What makes Yield Igniter work?

Proprietary combination of nitrogen, phosphorus, potash and carbon – along with humic and fulvic acids – improves nutrient efficiency

- 2-year shelf-life
- Store above 40°