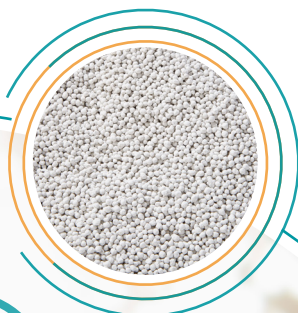




# A GAME-CHANGING FERTILIZER



**K<sub>2</sub>O**  
14%

**S**  
19%

**Mg**  
3.6%

**Ca**  
11.4%

Multi-nutrient POLY4 derives from a natural mineral polyhalite. Low in chloride and suitable for organic farming, POLY4 supplies nutrition to crops from planting to harvest.

While improving nutrient and fertilizer use efficiencies, POLY4 increases crop yields, improves crop quality and enhances soil nutrient legacy.

**ADM is the sole distributor of POLY4 in North America.**

[ADMadvantage.com/fertilizer](http://ADMadvantage.com/fertilizer)  
[www.poly4.com](http://www.poly4.com)



Follow us on social media



## BEYOND THE NUTRIENT VALUE

### POLY4 key benefits



Works on both broad-acre and high-value crops



Gradual and sustained release of nutrients from application through to harvest



Improvement in nutrient uptake of nitrogen and phosphorus



Ideal for chloride-sensitive crops



Preserves and enhances the soil resource



Supports crop health and increases disease resilience



Granular product that handles and stores effectively



Suited to machine application, maintains at least a 100 feet (up to 120 feet) uniform spread width

# The **POLY4** cornerstones

## EFFICIENCY

- Supplies four macro nutrients – potassium, sulfate-sulfur, magnesium and calcium – in one easy-to-use granule

## EFFECTIVENESS

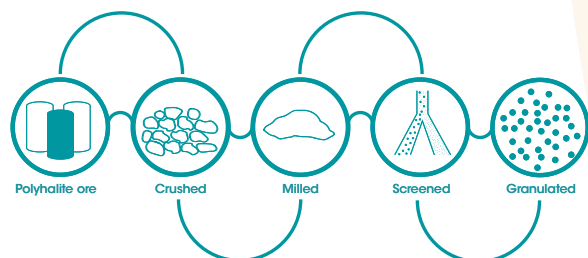
- Successful as a straight fertilizer or as a component in blends

## FLEXIBILITY

- Flexible product that allows farmers and growers to choose the timing of application

## SUSTAINABILITY

- Produces no waste and requires no chemical processing with a 1:1 polyhalite ore to product ratio



# Maximized yields, increased economics

POLY4 delivers four of the six essential macro nutrients and a wide range of micro nutrients fused in one granule.

Applied at the right nutrient ratio, POLY4 increases nutrient uptake providing ongoing nutritional support throughout the crops' growth cycle. This results in increased efficiencies through higher yields, reduced costs or both.

## POLY4 improves yield\*

### Corn



**+5% yield against MOP**

[POLY4 is a sustained release sulfate-sulfur fertilizer for corn.]

### Soybean



**+8% yield against MOP**

[POLY4 offers greater potassium and sulfate-sulfur offtake.]

### Potato



**+4% yield against MOP balanced**

[POLY4 improves quality of potatoes such as dry matter content.]

### Cotton



**+4% yield against MOP balanced**

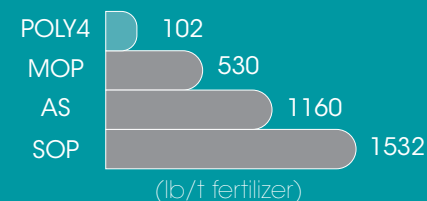
[POLY4 maintains cotton quality producing long and strong cotton fibres.]

# Sustainable fertilizer

By utilizing POLY4, you can add fertilizer to your crops while lowering impact on the environment.

Once you bring POLY4 into your cropping system, it will deliver a growing benefit season after season leaving the soil in a much better condition.

- The lowest CO<sub>2</sub> emissions\*



\*Source: RICARDO-AEA "Report on the Impacts of Polyhalite when used as a fertilizer" (April 2014).

- Low in chloride
- Suitable for use in organic farming
- pH neutral
- Low salt index
- High fertilizer use efficiency

\*Sources: Data from FAOSTAT (2017) and USDA Cotton Outlook (2017); Corn (5 MN trials): 14000-UMN-14018-17, 14019-18; Soybean (3 MN trials): 14000-UMN-14020-18, 14018-17, 14015-16; Potato (5 WI and MN trials): 13000-UWI-13010-14; 14000-UMN-14010-14, 14011-15, 14014-16, 14017-17; Cotton (2 VA trials): 23000-VIR-23010-15, 23020-17.