

PLANT GROWTH  
REGULATOR

# RyzUp SMARTGRASS®



**INCREASES PHOTOSYNTHETIC CAPACITY EARLY**  
— DELIVERS BENEFITS ALL SEASON FOR FIELD CORN & SILAGE —

**RyzUp SmartGrass®** is a Plant Growth Regulator (PGR) that stimulates early season growth, nodal root development and enhances leaf area production.

**RyzUp SmartGrass** increases plant's energy and photosynthetic capabilities in early stages and delivers benefits all season.

**RyzUp SmartGrass** triggers plants to increase nutrient uptake to feed the elongating cells, leading to improved use efficiency of fertility inputs.

**RyzUp SmartGrass** increases silage yield while maintaining excellent feed quality.

**RyzUp SmartGrass** fits your plan since it is tank mix ready for early season weed and insect control applications.

**SPECIAL OFFER!**

Spring 2018 Special Offer - visit with your McGregor Account Manager for details!  
**Buy 10 ozs, get the 10<sup>th</sup> oz for free!**



RyzUp SmartGrass



Untreated

RyzUp SmartGrass at 0.5oz/A+NIS at 0.25%V/V  
Application Timings: V3-V5



↑ 13 Days after Treatment: Growth is reflected in advancement of internal growing points

13 Days after Treatment: Growth is reflected in greater stalk diameter



## RyzUp SmartGrass

Research results over the past 4 years...

### Field Corn:

in 90 trials; average ↑ = 10<sup>+</sup> bu/ac

### Silage:

in 50 trials; average ↑ = 5.4% ton/ac

TMC Product Information



The McGregor Company - 401 Colfax Airport Rd - PO Box 740 - Colfax, WA 99111  
800-873-8666 - [www.mcgregor.com](http://www.mcgregor.com)

Mar-2018

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**RyzUp SMARTGRASS®**

## DELIVERS BENEFITS ALL SEASON FOR FIELD CORN & SILAGE

**Q: Can RyzUp SmartGrass be applied by itself?**

A: Technically, yes. However, the biggest yield effects from RyzUp SmartGrass are realized when applied in combination with a foliar fertility package. RyzUp SmartGrass induces rapid plant growth, increasing the plant's nutrient demands and improving nutrient uptake efficiency.

**Q: Is RyzUp SmartGrass compatible with most herbicides and fungicides?**

A: Yes! RyzUp SmartGrass is a water soluble granule that is very soluble. Follow proper WALES mixing order and dissolve RyzUp SmartGrass in clean carrier water or carrier water with fertilizer.

**Q: Will I see a crop response with RyzUp SmartGrass?**

A: Likely. RyzUp SmartGrass causes a rapid elongation of cells in the plant. The rapid elongation will 'wash out' chlorophyll in the cell, causing a light/pale green color. Proper fertility applied with, or before, application will help to mitigate this response and accelerate the yield response of both products.

**Q: What effect does RyzUp SmartGrass have on silage quality?**

A: RyzUp SmartGrass promotes growth with no loss in quality. Extensive testing of treated versus untreated silage show no measurable difference in crude protein, acid detergent fiber or neutral detergent fiber.

### DIRECTIONS FOR USE:

RyzUp SmartGrass should be applied between growth stage V2 to V6.

Best response occurs when average daily temperatures are between 40°F - 60°F and adequate moisture and nutrition are present.

Foliage occasionally and temporarily appears lighter green in color due to accelerated growth rates following application. For best results, ensure fertility is adequate to sustain the additional growth.

Spray solution should be between 4.0 to 8.5 pH.

RyzUp SmartGrass has a short half-life in spray solution and should be used within 24 hours of solutionizing.

Slower drying will increase plant absorption. Application is rain fast in 2 hours.

RyzUp SmartGrass can be applied to soil (streamjet). Up to 40% of product is absorbed through the roots. However, half-life on soil is up to 5 days and needs adequate soil moisture or rain for uptake.

Current labeled tank mix partners with no known compatibility or performance issues are:

- Roundup® (glyphosate) herbicide on Roundup Ready® corn
- Atrazine
- Foliar fertilizers
- Micronutrients

**Do NOT tank mix RyzUp SmartGrass with 2,4-D on corn**

- RyzUp SmartGrass may increase the HPPD inhibitor activity (Group #27 herbicides)

#### Active Ingredient:

Gibberellin A3 .....	40.0% w/w
OTHER INGREDIENTS.....	60.0% w/w
Total.....	100.0% w/w

Contains a total of 1g of Gibberellic Acid in 2.5g of product.

### USE RATES AND GUIDELINES:

**Use Rate/Acre: 0.3 to 0.6 oz/acre**

**Recommended Rate: 0.5 oz/acre**



RyzUp SmartGrass is a registered trademark of Valent BioSciences Corporation. RyzUp SmartGrass is covered under U.S. Patent No. 6,984,609 B2, patent-pending stress management in field corn. RyzUp SmartGrass is NOP compliant and OMRI listed for organic production.

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