



METASAFE TECHNOLOGY

HELPS SUPPORT CROP SAFETY WHILE ENABLING STRONG RESIDUAL PERFORMANCE

Weeds continue to outsmart the most effective corn herbicides in the market today. In fact, 40% of growers say Palmer amaranth and waterhemp are difficult to control with current preemergence corn herbicides.* That's why investments in innovations are so important.

With the introduction of Storen®, we're restoring your confidence in corn herbicides by helping to ensure crop safety while enabling strong residual performance with MetaSafe™ formulation technology.

A FOCUS ON HERBICIDE INNOVATION

Modern herbicide formulations are complex. Storen contains 47 individual components that are all precisely balanced, allowing its four powerful, long-lasting active ingredients to work together smoothly and provide maximum residual performance.

Bicyclopyrone (BIR) (Group 27)

for burndown and residual control of broadleaf weeds and annual grasses in corn

S-metolachlor (Group 15)

for residual control of annual grasses and small-seeded broadleaf weeds

Mesotrione (Group 27)

for burndown and residual control of broadleaf weeds

Pyroxasulfone (Group 15)

for residual control of annual grasses and broadleaf weeds



EXCLUSIVE CROP SAFENER TECHNOLOGY

Syngenta® is the first and only company to develop patented MetaSafe formulation technology to safen pyroxasulfone for use in corn and bring a product with safened pyroxasulfone to market, Storen.

While other companies offer pyroxasulfone-containing herbicides for use in corn, **only Syngenta holds the patent for MetaSafe formulation technology.**

Zidua®, Anthem® brands and Maverick® do not contain a crop safener.

Without a crop safener, these pyroxasulfone-containing herbicides, and others, can cause crop injury on any soil type – leading to stunted corn, buggy whipping, shepherd's crook and potential yield loss.

CROP RESPONSE 28 DAYS AFTER APPLICATION (PREEMERGENCE)

3% crop injury



Storen® 2.4 qt/A + AAtrex® 4L 0.75 qt/A

38% crop injury



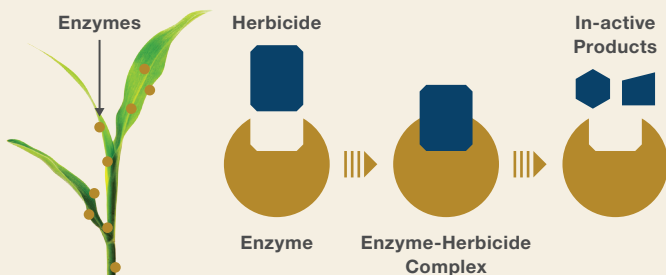
(Pyroxasulfone + Mesotrione + Clopyralid)¹
+ AAtrex 4L at 0.75 qt/A

Note: Trial conducted on a fine-textured soil that received above-normal rainfall during corn emergence. Results may vary under different soil types, environmental conditions, and other agronomic factors.

Photo: 2023. Southern Research Innovation Center, Pearland, TX, K. Russell USSM0H0032023, TX (1)

¹The active ingredient rates applied were pyroxasulfone at 0.173 lb ai/A + mesotrione at 0.21 lb ai/A + clopyralid at 0.13 lb ae/A. The formulated product used contained pyroxasulfone at 0.693 lb ai/gallon plus mesotrione at 0.829 lb ai/gallon plus clopyralid at 0.525 lb ae/gallon.

HOW METASAFE WORKS



Corn plant enzymes break down herbicides. MetaSafe formulation technology makes the corn plant's enzymes **super active** in breaking down pyroxasulfone.

ENABLING SUCCESS FOR CORN GROWERS

With Syngenta products, you can count on a smooth operation, effective performance and crop safety in the field.

We field-tested Storen, the only Syngenta herbicide that contains MetaSafe formulation technology, at 398 locations, including 262 R&D trials, 76 Grow More™ Experience Site trials and 60 University trials between 2020 and 2023. With a proven track record of pioneering science and a commitment to practical product use, Syngenta stands apart. Manage your risk and invest in trusted Storen corn herbicide with MetaSafe formulation technology.

More than **1,100 growers and retailers** tried Storen during its first season on the market. They gave it a 90% customer satisfaction rating and **99.5% said they'd recommend it.****

See what customers say about Storen at StorenReviews.com.

*Syngenta market research, 2022. n=302.

**Reviewers received non-monetary compensation in the form of branded merchandise in exchange for their feedback.



syngenta®

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations.

Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

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GS 12639_1_2

SLC 19254A 03-2026