

# CORNERSTONE®

SURFACTANT/ACIDIFIER/PENETRANT/DRIFT CONTROL/DEPOSITION AID/HARVEST AID

**CORNERSTONE®** is a non-ionic multi-functional surfactant. **CORNERSTONE** is POWERED TO:

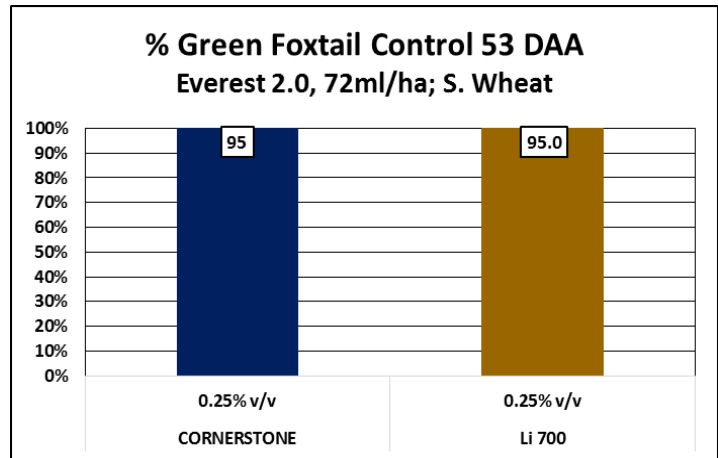
- Penetrate plant surfaces for increased pesticide uptake.
- Lower pH of spray solutions to help to prevent pesticide degradation.
- Reduce drift and improve deposition.
- Provide spreading and wetting with low foaming.
- Can be used as a Harvest Aid.

**CORNERSTONE's** functional features provides several benefits:

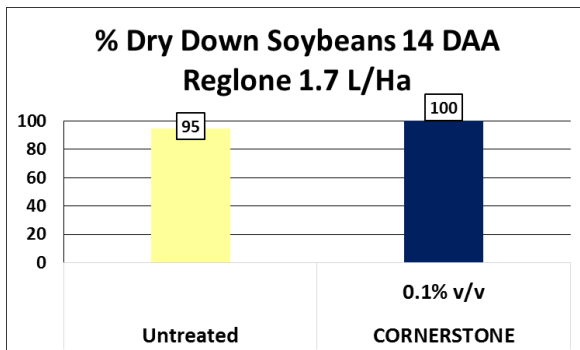
## Penetrating Surfactant:

**CORNERSTONE** surfactant was used at 0.25% v/v with Everest\* for control of Wild Oats in Spring Wheat.

**CORNERSTONE** provided excellent adjuvant activity when used with Everest.



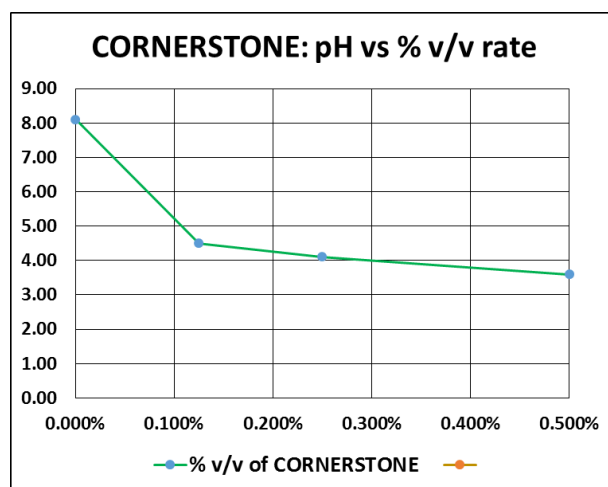
## Harvest Aid:



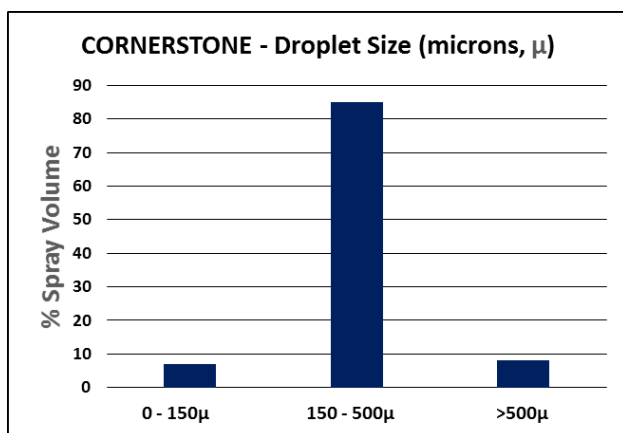
**CORNERSTONE** surfactant is registered for use with Reglone\* Desiccant and works as a Harvest Aid.

## Acidifier/Buffering Agent:

**CORNERSTONE** can be used as an acidifier or pH adjuster. It can be used to lower or buffer the pH of the spray solution for use with some products such as glyphosates. For mildly alkaline water between pH 6.5-8 use 300-625mL/1,000L water mixture and for highly alkaline water between pH 8 or greater use 625-1,250mL/1,000L water mixture.



## Drift Reduction/Deposition Aid:



**CORNERSTONE** can be used as a drift reduction or deposition aid. Ensures consistent spray droplet size to allow for uniform deposition of spray droplets on plant surfaces. Reduces drift potential by reducing the incidence of small droplets. Use 0.25%-0.50% v/v **CORNERSTONE** per 1,000L of spray mixture. Follow all directions and precautions on tank mix partner labels.

## How CORNERSTONE works:

The pH level of a tank mix can affect a herbicide's performance and most herbicides are weak acids. **CORNERSTONE** conditions the mixing water with its acidifier for better stability and penetration into and through a plant's waxy surface. The surfactant component in **CORNERSTONE** disperses into the spray mix and reduces the surface tension, improves wettability and reduces the contact angle of spray droplets on plant surfaces. This all leads to better performance!

## CORNERSTONE summary:

- Spreads, wets and penetrates the leaf surface, helping to provide excellent field performance.
- Works with desiccants as a harvest aid.
- Acidifies and buffers the pH of the spray solution to assist with weak acid herbicides.
- Reduces the amount of small droplets (fines) which helps with deposition and reduction of risk of drift.

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