



### Active ingredient:

**Proline:** A natural amino acid that is used to make proteins and preserve osmotic balance.

### Crops:

- Corn
- Soybean
- Wheat
- See label for additional crops

Sosdia™ Stress abiotic stress mitigator helps reduce yield loss associated with environmentally stressful conditions. It contains proline and potassium to protect plant cells, reduce water loss, and improve stomata function. These functions support plant productivity and yield potential in times of abiotic stress such as drought, heat, salinity and ultraviolet light.

Ultimately, Sosdia Stress helps crops thrive under challenging conditions.

### Application Recommendations:

Optimal applications times are generally at or slightly before reproductive growth stages, but growth benefits may be gained with applications at any time during active growth.

### Rates:

**Corn:** Standard: 3.2 fl oz/A  
Stressful conditions: 6.4 fl oz/A  
V4 - V8: 3.2 fl oz/A  
R1+: 3.2 - 6.4 fl oz/A

**Soybeans:** 3.2 fl oz/A

**Wheat:** 3.2 fl oz/A

- For corn use high rates if more drought stress is prevalent
- Keep spray solution with pH 5-8
- If mixing with chemical and it passes a jar test, then it's considered compatible
- Water Rates: 2-20 gallons, more coverage is better
- Use WALES process
- Sosdia Stress should go in last unless adding additional adjuvants

### Storage

- Store in a cool, dry, place away from sunlight, heat, and extreme conditions upright in original container
- Store between 39°F and 100°F.
- Do NOT allow Sosdia Stress to freeze.
- 2-year shelf life

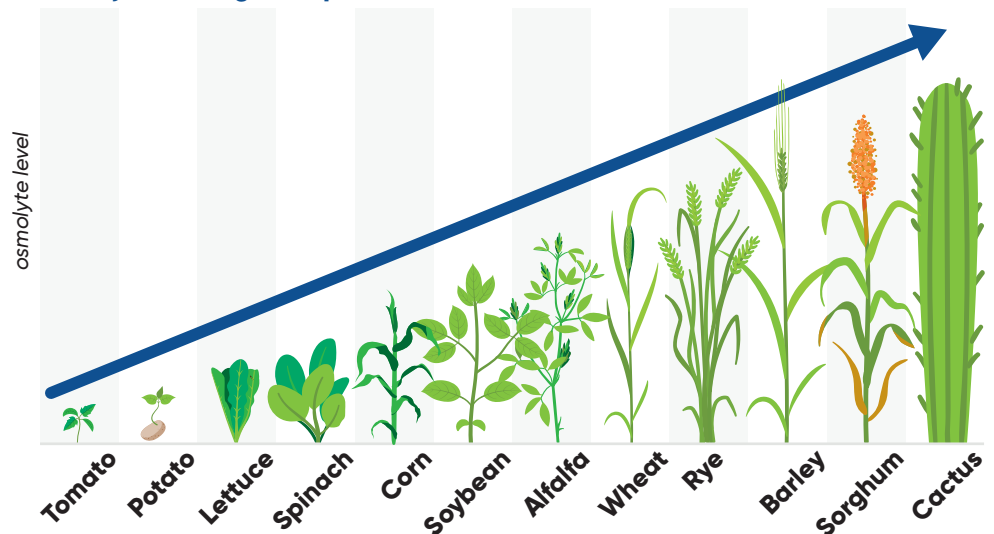
### Features & Benefits:

- Maximizes the conversion of water into crop biomass, increasing yield potential
- Protects the plant proteins and cell membranes, preserving energy for growth instead of stress repair response
- Can protect critical grain production processes at flowering, pollination and early grain fill.
- Tank-mix compatible with most common crop protection products
- 2-year storage life

### How does it work?

The application of Sosdia Stress, with key components of proline and potassium, helps row crops react more similarly to crops with higher levels of osmolytes. Osmolytes are a natural compound found within plants that helps neutralize crop reaction to abiotic stress.

### Naturally occurring osmoprotectant levels



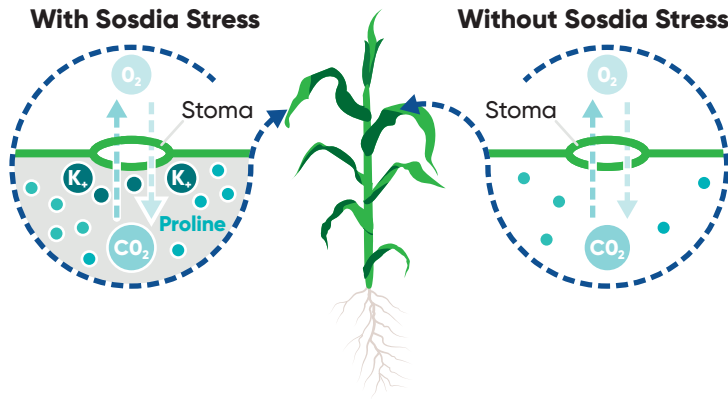
Sosdia Stress helps row crops like corn, which naturally has lower levels of osmolytes, weather abiotic stresses more like sorghum, which is adapted to have naturally high levels of osmolytes.

Sosdia™ Stress abiotic stress mitigator helps the plant remain focused on crop growth by protecting the plant proteins and cell membranes.

**Under abiotic stress:** drought, heat, salt, UV

**Increased photosynthesis**

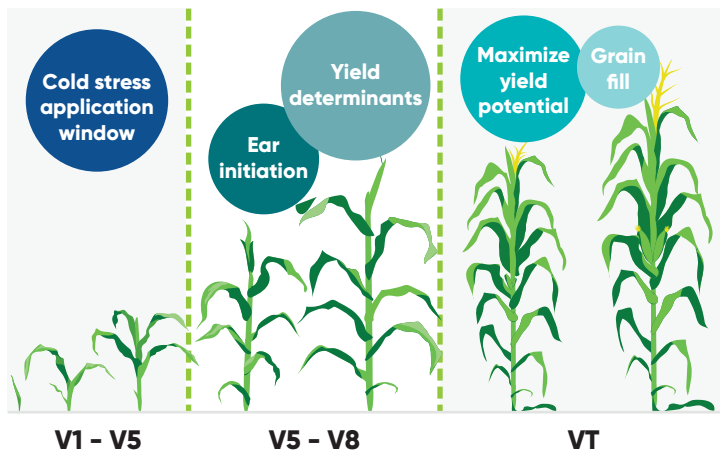
1. Reduces water vapor loss
2. Quicker recovery and continued growth



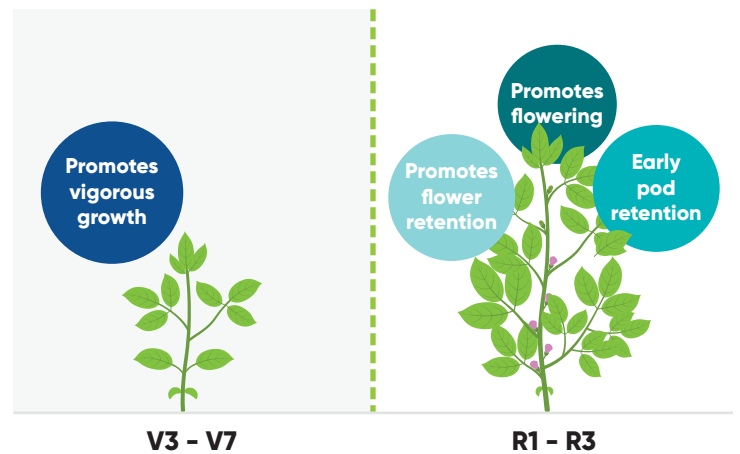
**Intermittent photosynthesis**

1. Excessive water lost due to a naturally leaky stomata
2. Intermittent growth
3. Naturally lower levels of glycine betaine, proline & K+

**Corn application timings with Sosdia Stress**



**Soybean application timings with Sosdia Stress**



Sosdia Stress can be applied with most herbicides, fungicides, insecticides and foliar nutritionals

For more information on Sosdia Stress, please contact your local Corteva Agriscience territory manager or call **800-258-3033**.

Visit us at [corteva.us](http://corteva.us)



©™ Trademarks of Corteva Agriscience and its affiliated companies.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label direction and precautions for use when using any pesticide alone or in tank-mix combinations.

Sosdia™ Stress abiotic stress mitigator is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. ©2022 Corteva. CB01-216-020 COR (04/22)