



SILICA

SOIL AND FOLIAR AVAILABLE BIO-NUTRIENT



IMPROVE DROUGHT RESISTANCE, STRESS TOLERANCE, AND PLANT HEALTH

SILICA X-TREME® is a liquid form of potassium silicate that provides the plant with available silicon and potassium, which are important nutrients for optimum plant growth and health. **SILICA X-TREME®** will help support water use efficiency, mitigating drought stress and increasing heat tolerance, while providing structural rigidity that can reduce the potential for lodging. **SILICA X-TREME®** has a low pH in solution which makes it unique in its compatibility with other products that are sensitive to alkaline conditions.

SILICA X-TREME® replicated field trials have shown improvement in crop performance under a variety of environmental stress conditions, improving yields in corn and wheat with positive ROI. Applications at V-5 and VT in corn and at tillering and heading in wheat proved highly effective.

SILICA X **CONTROL**



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FEATURES AND BENEFITS

- Can be used in **SPRAY TANK** mixes, **APPLIED DIRECTLY** to the **SOIL** or in **FERTIGATION**, including with nitrogen solutions in **SIDE-DRESS** or **TOP-DRESS** applications.
- **HELPS** plants during **DROUGHT, COLD, FROST, HEAT STRESS**, and other **ABIOTIC STRESSES**.
- **SILICA X-TREME®** activates the **PLANT IMMUNE SYSTEM**, helping resist foliar and soil diseases.
- Liquid formulation with **LOW pH: EASE OF HANDLING**, dosing, and emptying containers.
- **STRENGTHENS** plant's internal processes and external defenses.
- High **SOLUBLE SILICON** concentrations for immediate availability.
- Low salt index makes it extremely **SAFE FOR ALL CROPS**.

RECOMMENDED RATES

Apply **SILICA X-TREME®** when stress events are likely to happen to prevent potential yield loss. **ROW CROPS (CORN, WHEAT, + OTHER GRAINS):** Apply 1-4 pts/acre. Apply at V-5 and VT in corn and at tillering and heading in wheat and other grains. Use with nitrogen solutions in side-dress and top-dress applications when possible. Higher rates or more frequent applications may be required to correct deficiencies. **SOIL APPLICATIONS:** Pre-plant, side dress or in irrigation at 4-8 pts/acre. **VEGETABLES:** Apply 2-4 pts/acre. For best results try at least 3 applications. **POTATO + TUBER CROPS:** Apply 2-4 pts/acre from planting to defoliation for plant health and to aid in skin set and sizing. **VINES, TREE NUTS, FRUIT TREES:** Apply 2-8 pts/acre. First application at pre-bloom. For best results try a minimum of 3 applications. **TURFGRASS + SOD:** Apply 2 to 3 fl oz./1000 sq. ft. every 7-14 days. If turf is under stress, increase application interval to achieve desired result. **ORNAMENTALS, NURSERY, GREENHOUSE:** Apply 2-4 pts/100 gal water. **HYDROPONICS SOLUTIONS:** Add 5-10 fl oz/100 gal water. Resulting mixture should then be buffered to the optimum pH for nutrient solution and specific crop feeding.

