



A Novel Biological Inoculant for Commercial Seed Treating That Helps Protect Crops Against Drought, Temperature and Salt Stresses

Agricultural Benefits

Better tolerance against drought, temperature and salt stresses

Applicability

Easy to use nontoxic liquid formulation

Treats seeds with beneficial microorganisms

Compatible with common seed treatment chemicals and microbes

Guaranteed Analysis

CONTAINS NONPLANT FOOD INGREDIENTS

Active Ingredient:

Trichoderma harzianum (minimum of 1×10^6 viable spores/ml) 0.5%

Inert Ingredients:

Water (H₂O) 99.5%

Total 100.0%

Net Weight: 2.2 lbs/qt (943.5g/l)

Expiration Date: _____

Measurement

4, 8, 16 or 32oz (100, 250, 500 or 1000ml) depending on the amount of seeds to treat

General Information

StressTechTM is a seed treatment containing fungal endophytes that enhance drought, temperature and salt stress tolerance of crop plants. Once coated onto the surface of seeds, our formulation keeps the fungus inactive until the seed is exposed to conditions that stimulate seed germination. Upon germination, the fungus activates and establishes a beneficial symbiosis with seedlings. The symbiotic plants become significantly more tolerant to drought, high day and night time temperature and salt stresses. It is known that high nighttime temperatures can cause starch and yield loss in the Midwest and other growing areas. StressTech has been seen to speed germination and emergence in cool soils. **StressTech**TM is formulated to be compatible with existing seed treatment equipment and chemicals and can be simply added as an additional component during the seed treatment process.

Mixing Instructions

Seed Treatment: To achieve optimal seed coverage, dilute **StressTech**TM with water and apply directly to dry seed alone or in combination with other inoculants and/or other registered seed treatment coating (e.g., colorants, polymers, insecticides, nematicides and fungicides). Do not tank-mix **StressTech**TM with any fungicides or products containing a label prohibiting against such mixing. When tank-mixing with any other registered seed treatments, always read and follow all use directions, restrictions, and

precautions of both **StressTech™** and other products. After tank mixing, product should be applied within 8 hours. The resulting tank mix must be in accordance with the more restrictive label limitations and precautions. Do not exceed label dosage rates.

In Furrow: To achieve optimal seed coverage, dilute **StressTech™** with water or fertilizer and apply directly onto seeds during planting. After mixing, material should be applied within 8 hours. Do not tank-mix **StressTech™** with fungicides or products containing biocides. Do not mix **StressTech™** with any product containing a label prohibiting against such mixing. When tank-mixing with any fertilizer, always read and follow all use directions, restrictions, and precautions of both **StressTech™** and other products. The resulting tank mix must be in accordance with the more restrictive label limitations and precautions. Do not exceed label dosage rates.

Use & Rate Recommendations

Applied either in furrow, or as a seed treatment according to the table below:

Crop	In Furrow (oz/10 acres)	Seed Treatment (oz/1000lbs)
Barley	1.00	0.50
Corn	1.00	2.50
Cotton	0.50	2.00
Rice	1.00	1.00
Soybean	1.00	1.00
Wheat (spring & winter)	1.00	0.50

Application Notes

Do not use with soil fumigants.

Use **StressTech™** solution within 8 hours of mixing.

Storage and Disposal

Product storage

Keep from direct sunlight, from freezing and from exposure to elevated temperatures (>75°F/25°C). For long term storage best stored at refrigeration temperature. Store in opened containers at refrigeration temperatures until applied to seeds.

Product disposal

All unused material should be treated with 1/4 volume of bleach for 30 minutes before disposal.

Container disposal

Do not reuse empty container. Triple rinse and discard container. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinance. If burned, stay out of smoke. Wash hands with soap and water after rinsing containers.

Warranty Statement

The seller warrants that this product contains a minimum number of viable beneficial microorganisms as indicated on this label. The seller makes no other warranty expressed or implied as to product viability or performance since storage, use and growing conditions are beyond the seller's control. Seller's guarantee

is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Guaranteed By

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USA