



IMPROVES

CROP PERFORMANCE AND YIELD

UNDER ALL TYPES OF ENVIRONMENTAL CONDITIONS

- **HEAT STRESS**
- **DROUGHT STRESS**
- **SALINE AND/OR HIGH SALT SOILS**
- **COLD TOLERANCE EARLY OR LATE SEASON**

Heat Shield is six strains of *Trichoderma harzianum* that also shows yield advantages even without stress (70% win rate).

In addition, there is an additive effect when used in conjunction with other biologicals, such as Nutri-Cycle.



Untreated
21 Pods

Heat Shield
40 Pods



Untreated
21 Pods

Heat Shield
40 Pods



Untreated

Heat Shield

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Heat Shield is a product containing several microscopic fungi that establish a symbiosis with crop plants to enhance plant tolerance against hot, cold and dry conditions, as well as highly saline or salty conditions in soil. Heat Shield was developed based on more than 20 years of scientific research to determine how plants in nature adapt to stress. Years of research has discovered that in extreme environments, nature has adapted certain strains of fungi that form symbiotic associations with plants. This symbiotic relationship allows the two organisms to survive together, whereas the individual organisms would not be able to live.

Heat Shield treated crops increase crop yields and average of 2-6% in normal environmental conditions. However, during high stress growing seasons, Heat Shield treated fields increases crop yields an average of 10-15%.

Heat Shield can be applied as a seed treatment or mixed with fertilizer for in-furrow application. Five years of field testing have demonstrated that Heat Shield has been shown to increase crop yields by an average of 26% under drought, salinity and temperature stress.



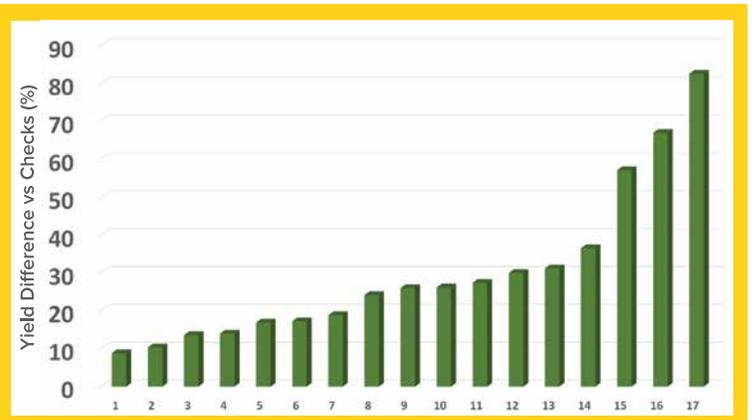
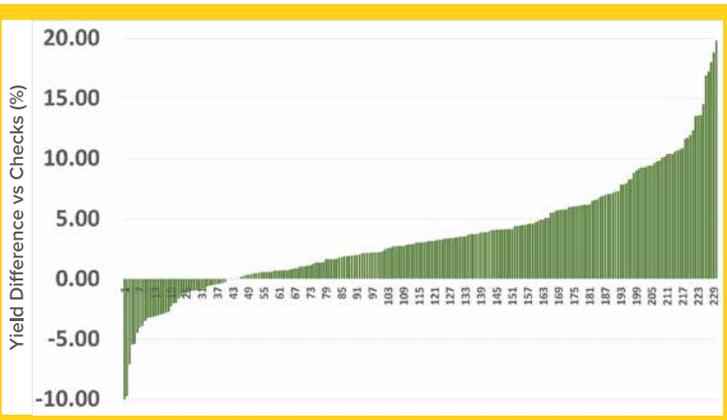
100°f | 104°f | 115°f | 122°f

100°f | 104°f | 115°f | 122°f

THIS SEED AND PLANT TREATMENT PRODUCT HAS BEEN DEVELOPED TO:

- 1 - Increase abiotic stress tolerance
- 2 - Increase water and nutrient efficiency
- 3 - Increase nutritional value
- 4 - Increase crop yield & yield quality
- 5 - Improve seed germination
- 6 - Enhance seedling growth and development

2013-2016 Field Evaluation of Heat Shield on Corn Hybrids in the Absence of Stress
 Average Yield Increase: + 6.4 bu/acre
 Win Rate: 69%



FOR MORE INFORMATION:

www.heftyseed.com/heatshield