FBS Transit® *Preforms Best Under Stress*

Recommendations for Managing Heat Stress

Research Study with Corn and Wheat

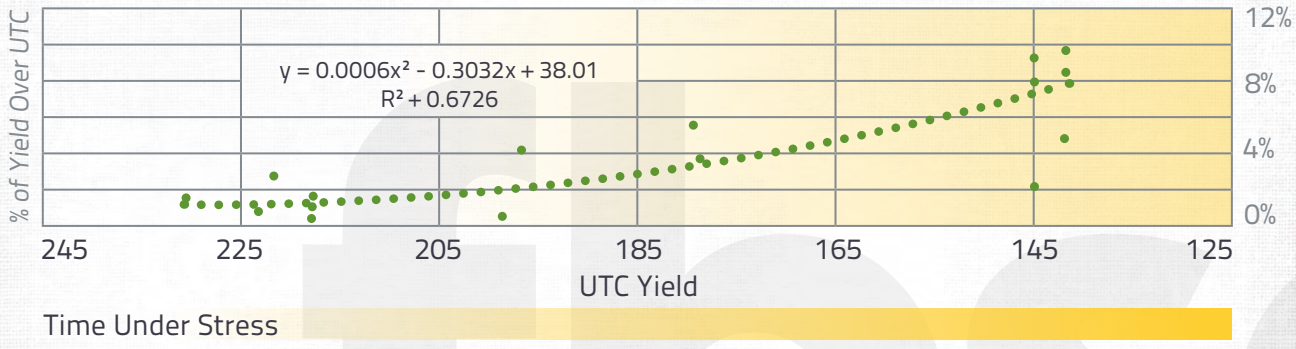
RESEARCH SUMMARY

FBSciences, Inc. takes pride in being a science driven company. We invest heavily in independent third party research to better understand and validate our product technology. In the last ten years we have contracted with independent researchers and universities on 6 continents to perform over 1,000 replicated trials on over 50 different crops. We also contract with statistical experts to design trials and analyze the results. An important finding in recent years is that our products perform extremely well under conditions of stress.

One indicator of environmental stress is the yield of the grower standard control. For example on corn, when rainfall, temperature and other conditions are adequate yields over 200 bushels per acre are not unusual. When rainfall is not adequate or temperatures are too cold in the early part of the season, yields begin to drop. **Yield increases from FBS Transit® are strongly correlated to a drop in the yield of the grower standard control.**

CORN YIELDS DURING STRESS

FBS Transit *vs UTC*



The chart above features results from 21 field trials on corn with the UTC (untreated control) vs. 1-2 applications of ***FBS Transit***. As yields decrease for the UTC, yields for corn treated with ***FBS Transit*** continued to grow through the time under stress.

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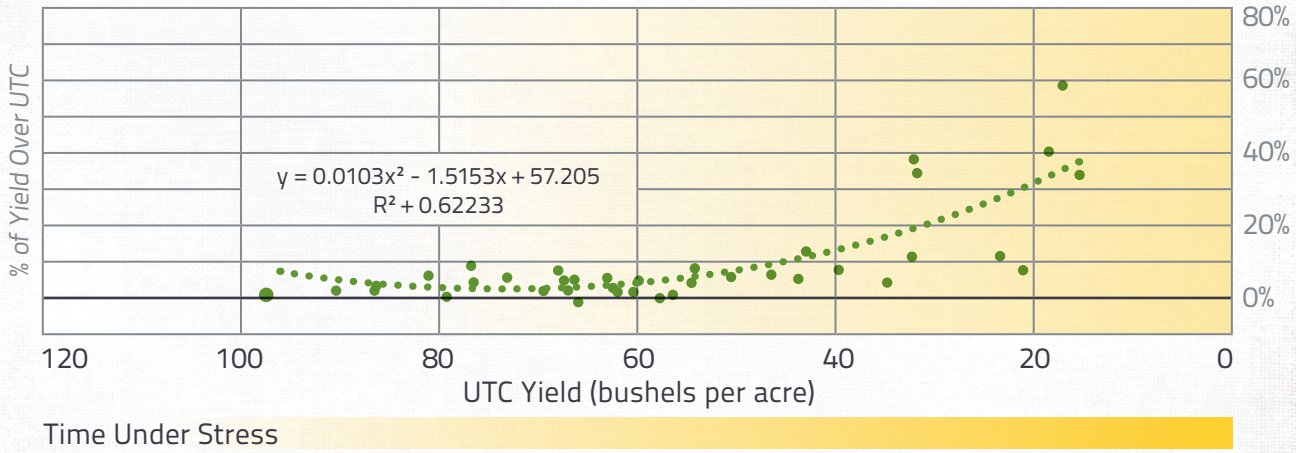
A similar trend is visible in a set of 40 trials on wheat conducted over a period of several years.

FBS Transit® is designed to enhance the uptake of NPK early in the season to improve rooting. Studies show that root number, length and amount of root hairs increase in response to ***FBS Transit*** at rates of **8-12 oz/acre**. Later in the season applications of ***FBS Transit*** are particularly effective to improve the uptake of Calcium and Potassium. These nutrients are particularly important during periods of hot or dry weather to maintain high yields and to improve crop quality.

WHEAT YIELDS DURING STRESS

FBS Transit *vs UTC*



Soil & Foliar Application Opportunities

Transit Soil® can be applied to the soil via the irrigation system and **Transit Foliar®** can be applied to the foliage. Rates range for **8-12 oz/acre**.

Transit Soil®

Transit Foliar®

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