

U.S. AG, LLC  
P.O. Box 368  
Luthersville, GA 30251



Office: (770) 927-3206  
Fax: (770) 927-3968  
www.UnitedStatesAg.org  
Email: UnitedStatesAg@yahoo.com

**KANSAS STATE**  
**UNIVERSITY**



# 2011 Documented Trials Performed By Kansas State University



## **Herbicide Resistant Weed - Kochia**

Bloomberg news article Jan. 12, 2012 - Monsanto Co., the biggest seed maker, said the bushy plant Kochia is no longer being killed by the company's Roundup, a sign that resistance to the world's best-selling herbicide is spreading. In the U.S., Roundup-resistant weeds such as kochia and Palmer amaranth have invaded 14 million acres of cotton, soybean and corn, and that will double by 2015, Syngenta AG said last year. A Dow Chemical Co. study in 2011 found as many as 20 million acres of corn and soybeans may already be infested.

## **Kansas State University Trial**

KSU performed two trials using SUR-TEC in the summer of 2011 on kochia. Upon conclusion of these trials SUR-TEC was proven to enhance the control of drought stressed kochia with glyphosate as well or better compared to a common non-ionic surfactant or crop oil concentrates used at recommended rates, especially when ammonium sulfate was also used.

Trial Administered by:

Phillip W. Stahlman, PH.D

KSU Weed Scientist | Agricultural Research & Extension

1232 240th Ave | Hays, KS 67601-9228 | 785-625-3425

U.S. AG, LLC  
P.O. Box 368  
Luthersville, GA 30251



Office: (770) 927-3206  
Fax: (770) 927-3968  
www.UnitedStatesAg.org  
Email: UnitedStatesAg@yahoo.com

**SUR-TEC<sup>®</sup>**  
Herbicide & Pesticide Enhancer

**SUR-TEC** is a liquid, premium buffering and enhancement agent, designed to maximize the efficiency of chemical spray solutions. This all-in-one product makes tank mixes for herbicides and pesticides easy and super effective raising chemical efficiency up to 100%.

No longer do you have to buy multiple products with their lengthy, hard to understand instructions. When combined with herbicide and water in a tank mix, SUR-TEC does it all!

COMBINES ALL OF THESE INTO  
ONE EASY TO USE FORMULA:

♠ **Enzyme Crop Protector**

♠ **Non-ionic Surfactant**

♠ **Concentrated *Liquid***

**Ammonium Sulfate**

♠ **Anti-foaming Agent**

♠ **Plant Penetrator**

♠ **Water Softener**

♠ **Plant Sticker**

♠ **pH Buffer**

**SUR-TEC Costs Only 8 Cents  
Per Treated Gallon of Water.**

**SUR-TEC Insures Uniform  
Distribution of Spray.**

**Reduces Foaming in the Tank.**

**SUR-TEC Reduces Particle Drift.**

**SUR-TEC is RainFast in 30minutes**

**SUR-TEC is Biodegradable.**

**1 GALLON OF SUR-TEC WILL  
TREAT 800 TO 1,000 GALLONS  
OF WATER FOR SPRAY MIX!**