

# Turbulence® Adjuvant

Turbulence<sup>®</sup> Adjuvant aids fast spreading and uniform distribution and absorption of spray on leaf and stem surfaces through a unique blend of methylated vegetable oil and organosilicone-surfactant system. This unique formulation is especially effective on tough to control weeds and aquatic vegetation.

### **APPLICATION RATE:**

3 to 6 pints per 100 gallons

### **INGREDIENTS:**

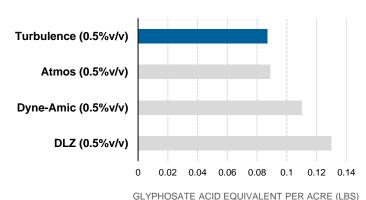
**100%** Methylated Vegetable Oil, Polyether Modified Polysiloxane, Alkylphenol Ethoxylate

## FEATURES & BENEFITS

- Enhances performance of postemergent herbicides
- Designed to be especially effective in extreme hot and dry weather conditions

## PROVIDED BEST CONTROL

Adjuvants paired with un-loaded Glyphosate were sprayed on Sicklepodat different rates to determine the rate of Glyphosate that killed 50% of the weed population as measured by fresh weight. Lower values equate to better performing mixes. Turbulence<sup>®</sup> and Atmos<sup>®</sup> required less Glyphosate active ingredient to kill half the weed population than Dyne-Amic<sup>®</sup> and DLZ<sup>®</sup>.

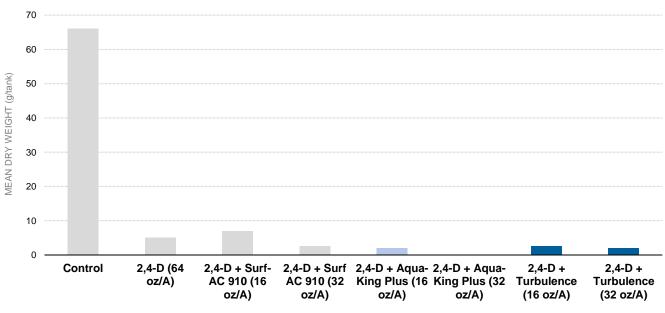




## **IMPROVED CONTROL COMPARED TO UNTREATED**

The effect of 2,4-D (WEEDestroy) plus Surf-AC 910, Aqua-King<sup>®</sup> Plus and Turbulence<sup>®</sup> on water hyacinth dry weight 6 weeks after treatment. Lower mean dry weight equals greater control. Aqua-King<sup>®</sup> Plus provided the best performance. Turbulence<sup>™</sup> provided the second best control.

C. Mudge, 2014. Louisiana State University



HERBICIDE TREATMENTS



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