

# Nozzle Field Study Report

Nozzle Field Study Completed 9/07/05	
◆ 12 Treatments	
Target GPA	20 GPA
Speed:	10 MPH
Target Swath:	3.33 ft
Boom Height:	1.583 ft
Nozzle:	Nozzle type
Treatment:	NIS + Water + Headline
Time:	2:15
Duration:	3 hr
Temperature:	80°F
Relative Humidity:	40%
Wind speed	2.8MPH
Soybean plant height	18 inches
Soybean growth stage	R3-R4
Soybean row spacing	drilled
Canopy condition	75% filled



Treatment	Nozzle	Pressure	Product
1	XR11006	50	NIS + Water + Headline
2	TT11006	50	NIS + Water + Headline
3	TT11005	75	NIS + Water + Headline
4	TT11004	95	NIS + Water + Headline
5	SR 11006	50	NIS + Water + Headline
6	ER 8006	50	NIS + Water + Headline
7	TD XR04	115	NIS + Water + Headline
8	TD TT04	115	NIS + Water + Headline
9	Twinjet 06	50	NIS + Water + Headline
10	TJ Duo TT03-Narrow angle	50	NIS + Water + Headline
11	Airmix TF 05	75	NIS + Water + Headline
12	TwinCap TT03	50	NIS + Water + Headline

➤ 2 Replication were done

**SUMMARY:** See tables with Means, Rank of % Area Coverage, and Rank by Droplets per square centimeter

**Statistics:** SAS v.9.1 using PROC GLM with LSD at .05% confidence level for significance