

AgroLiquid® High Management Dryland Soybean Study

Objective: To evaluate the yield and economic impact of a soybean liquid starter fertilizer and foliar nutritional program from AgroLiquid in a high management irrigated environment. This trial consisted of the following:

Treatments and Placement:

Control:	R2 Miravis®Top, R5 Miravis®Neo	
At-Plant Fertility:		
FurrowJet® Tri-Band: (Figure 1.)	2 Gal/A. SpringUp®	3 Gal/A. Sure-K®
	0.5 Gal/A. Micro500™	0.5 Gal/A. LiberateCa®
	0.1 Gal/A. Manganese	
Conceal® Dual Band (Figure 2.)	2 Gal/A. Pro-Germ®	3 Gal/A. Kalibrate®
	0.5 Gal/A. Micro500™	0.5 Gal/A. LiberateCa®
	0.1 Gal/A. Boron	0.1 Gal/A. Manganese
Foliar Applications:	V4: 0.125 Gal/A. Boron + Manganese, 1.5 Gal/A. Kapitalize®, 1.5 Gal/A. FertiRain®	
	R1: 1.5 Gal/A. Kapitalize® + 1.5 Gal/A. FertiRain® + 1Pt/A. Manganese	
	R5: 2 Gal/A. Nresponse™	



Figure 1. FurrowJet® Placement

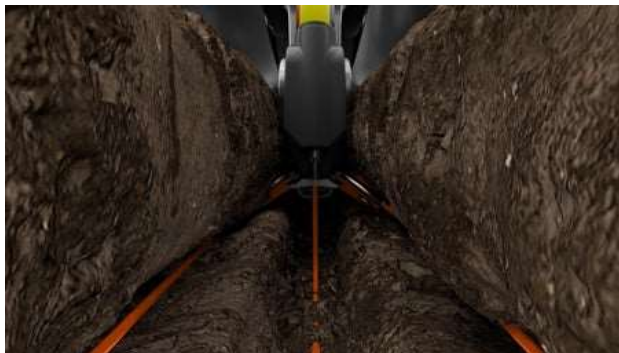


Figure 2. Conceal® Dual Band Application



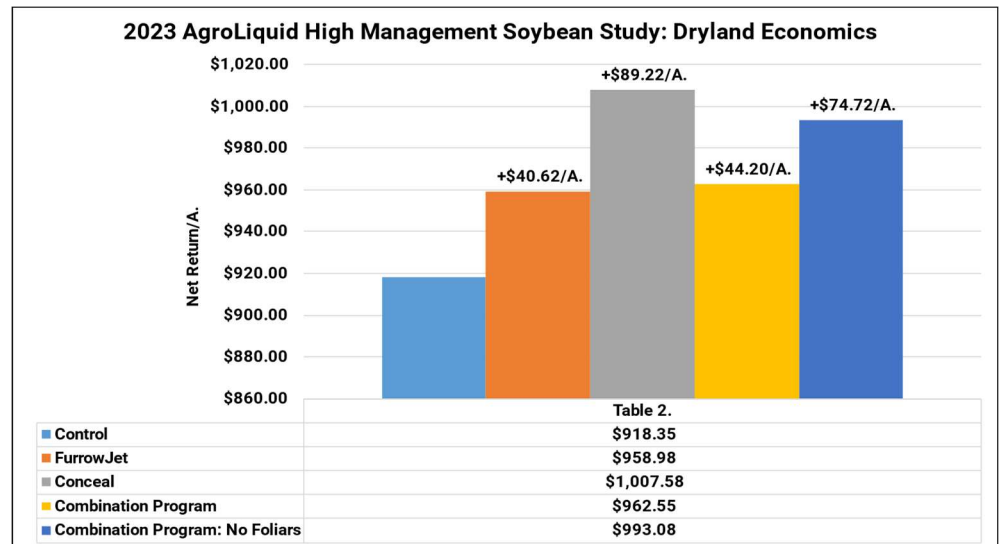
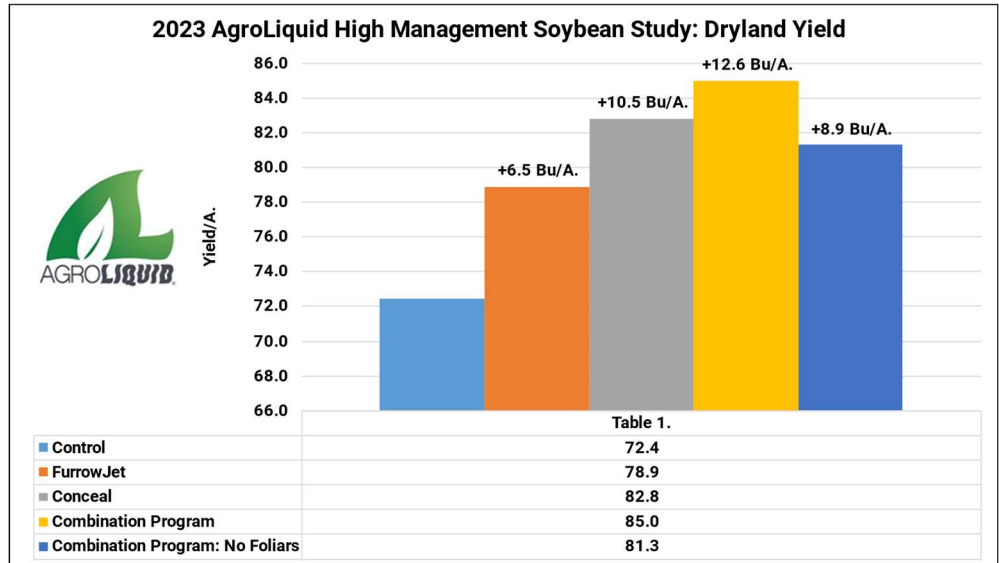
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Results: Table 1. illustrates control treatments averaging 72.4 Bu/A. FurrowJet treatments resulted in yield gains of +6.5 Bu/A., while Conceal at +10.5 Bu/A. The combination of both FurrowJet, Conceal, and foliar programs offered the highest overall yield in the study at 85.0 Bu/A., +12.6 Bu/A. over the control.

Table 2. illustrates the economic response of all treatments. Individual Conceal treatments topped all programs with gains of +\$89.22/A.

FurrowJet treatments posted gains of +\$40.62/A., while combination FurrowJet/Conceal/Foliar treatments proved gains of +\$44.22/A.

Combination treatments, less foliar treatments tallied gains of +\$74.72/A.



Planting Date: April 13th Variety: Pioneer37A18E3 Population: 120K Row Width: 30" Rotation: BAC SB Price: \$13.09

FurrowJet@: \$76.28/A Conceal Program: \$73.83/A. Foliar Program: \$78.96/A. Fert Reallocation: \$30/A.