

## AgroLiquid® High Management Irrigated 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:

<b>Control:</b>	R2 Miravis®Top, R5 Miravis®Neo	
<b>At-Plant Fertility:</b>		
FurrowJet® Tri-Band: (Figure 1.)	2 Gal/A. SpringUp® 0.5 Gal/A. Micro500™ 0.1 Gal/A. Manganese	3 Gal/A. Sure-K® 0.5 Gal/A. LiberateCa®
Conceal® Dual Band (Figure 2.)	2 Gal/A. Pro-Germ® 0.5 Gal/A. Micro500™ 0.1 Gal/A. Boron	3 Gal/A. Kalibrate® 0.5 Gal/A. LiberateCa® 0.1 Gal/A. Manganese
<b>Foliar Applications:</b>	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

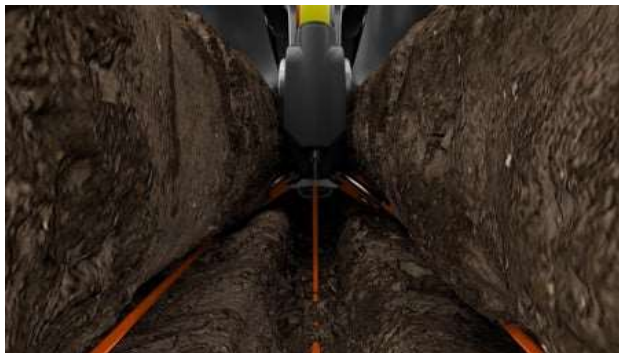


Figure 2. Conceal® Dual Band Application



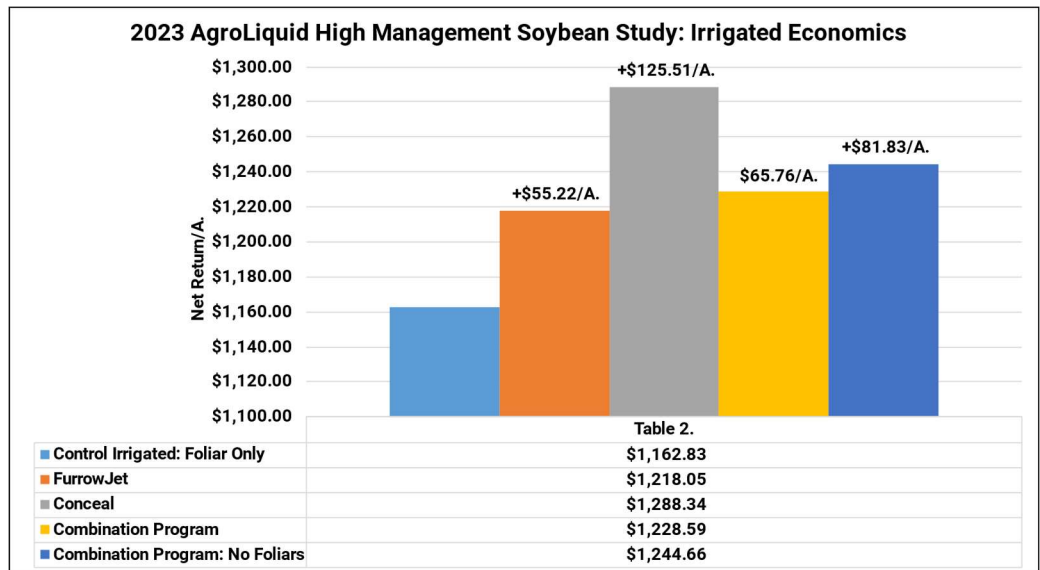
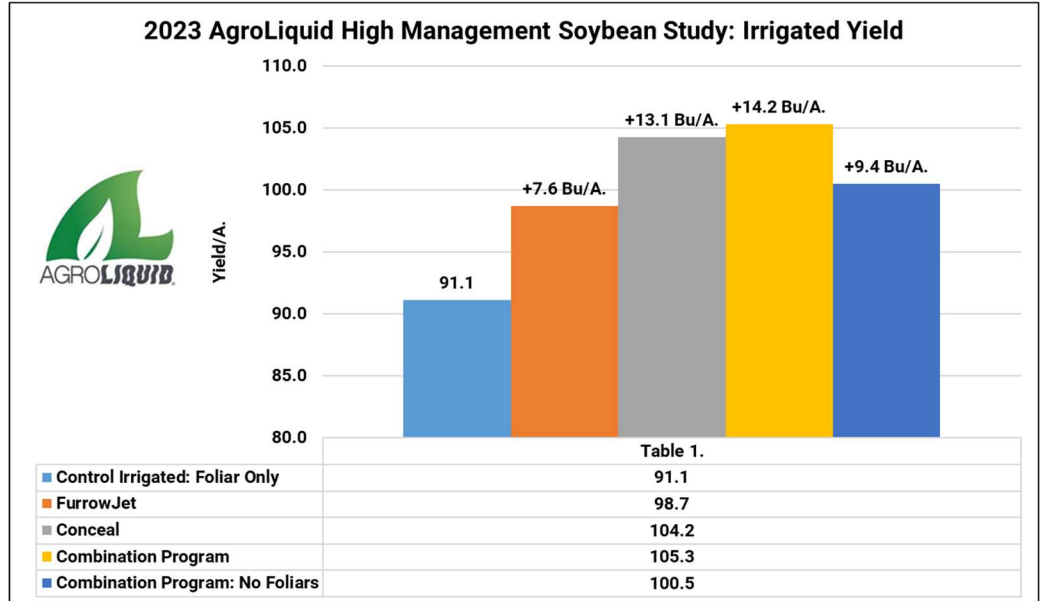
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**Results:** Table 1. illustrates control treatments averaging 91.1 Bu/A. FurrowJet treatments resulted in yield gains of +7.6 Bu/A., while Conceal at +13.1 Bu/A. The combination of both FurrowJet, Conceal, and foliar programs offered the highest overall yield in the study at 105.3 Bu/A., +14.2 Bu/A. over the control.

Table 2. illustrates the economic response of all treatments. Individual Conceal treatments topped all programs with gains of +\$125.51/A.

FurrowJet treatments posted gains of +\$55.22/A., while combination FurrowJet/Conceal/Foliar treatments proved gains of +\$65.76/A.

Combination treatments, less foliar treatments tallied gains of +\$81.83/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.