

## Conklin® Kip Cullers' Nutrient Compass Foliar Fertilizer on Soybeans

**Study ID:** 319039201602

**County:** Cuming

**Soil Type:** Moody silty clay loam 2-6% slopes

**Planting Date:** 5/20/16

**Harvest Date:** 10/3/16

**Population:** 130,000

**Row Spacing (in):** 36

**Hybrid:** Curry 1252

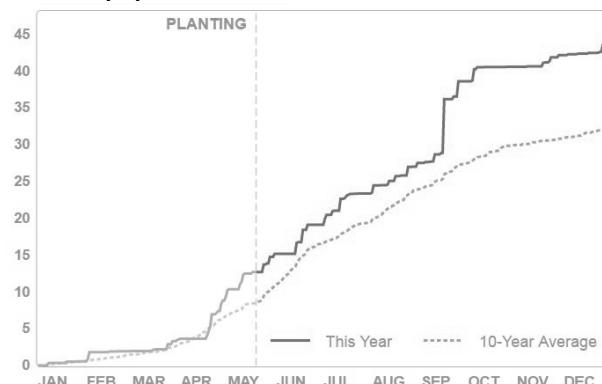
**Reps:** 4

**Previous Crop:** Corn

**Tillage:** No-Till

**Irrigation:** None

**Rainfall (in):**



### Soil Sample Results:

pH	P (ppm)	K (ppm)	S (ppm)	Zn (ppm)	OM	CEC	Base Saturation			
							K%	Mg%	Ca%	H%
6.1	15	219	16	0.7	1.9	23.1	2.4	21.3	62.4	13.9

**Introduction:** This study is looking at the effects of Conklin® Kip Cullers' Nutrient Compass Foliar Fertilizer on Soybeans. The product was applied at a rate of 1 qt/acre in a 10 gal/acre solution on the evening of June 16, 2016 when soybeans were at V4 growth stage. Product information is at right.

### KIP CULLERS NUTRIENT COMPASS

<b>Guaranteed Analysis: 3-4-8</b>
Total Nitrogen (N) ..... 3.0%
0.4% Ammoniacal Nitrogen
1.9% Urea Nitrogen
0.7% Other Water Soluble Nitrogen
Available Phosphate ( $P_2O_5$ ) ..... 4.0%
Soluble Potash ( $K_2O$ ) ..... 8.0%
Sulfur (S) ..... 1.4%
1.4 % combined Sulfur (S)
Boron (B) ..... 0.04%
0.04% Boron from Boric Acid (B)
Manganese (Mn) ..... 1.7%
1.7% Chelated Manganese (Mn)
Molybdenum (Mo) ..... 0.0009%
0.0009% Molybdenum from Sodium
Molybdate (Mo)
Zinc (Zn) ..... 0.8%
0.8% Chelated Zinc (Zn)
Plant nutrients derived from: ammonia, urea, potassium hydroxide, phosphoric acid, potassium thiosulfate, boric acid, manganese oxide (EDTA), sodium molybdate, zinc oxide (EDTA).

Product information from:

[http://www.conklin.com/eblast/ag/KipCullers\\_NutrientCompass\\_label.pdf](http://www.conklin.com/eblast/ag/KipCullers_NutrientCompass_label.pdf)

### Results:

	<b>Yield (bu/acre)†</b>	<b>Marginal Net Return‡ (\$/ac)</b>
Check	65	\$601.25
Kip Culler's Nutrient Compass Foliar Fertilizer	66	\$595.68
P-Value	N/A	N/A

†Bushels per acre corrected to 13% moisture.

‡Marginal net return based on \$9.25/bu soybean, \$8/ac product cost, and \$6.82 application cost.

**Summary:** The treatments in this study were replicated but not randomized therefore no conclusions can be drawn.

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