



Princeton, IL

Office: 815-879-8720

www.heftyseedprinceton.com

### Location Report

Name: Denton Farms - Soybean Population Plot

Residence City: Princeton, Illinois

#### Office Use Only

#### Conversion Factors for Yield Calculation

Crop	Grain		Grain Standards	
	Bu/A.	Lbs/A.	Lbs/Bu.	Moist.
Corn	109.815	6149.64	56	15%
Soybeans	100.138	--	60	13
Wheat	100.716	--	60	13.5
Dry Down Cost		\$ -	Market Price	\$ 9.00

Crop: Soybeans	Previous Crop: Corn	Trial Location:	Lat: 41.447533	Long: -89.468676	State: Illinois	Zip: 61356	County: Bureau
Row Width (Inches): 30	Planting Date: 4/24/2019	Harvest Date: 10/17/2019	Trial Type: <input type="checkbox"/> Genetic <input checked="" type="checkbox"/> Agronomic <input type="checkbox"/> Courtesy	Irrigation: <input checked="" type="checkbox"/> None <input type="checkbox"/> Limited <input type="checkbox"/> Full	Tillage: <input type="checkbox"/> Conservation <input type="checkbox"/> Strip <input type="checkbox"/> Ridge <input checked="" type="checkbox"/> Conventional <input type="checkbox"/> Mulch <input type="checkbox"/> No Till	Weigh Device: <input type="checkbox"/> Weighed <input checked="" type="checkbox"/> Yield Monitor	

Comments: *Cost of 1 Soybean Seed = \$0.0004*

Income: (Bu/A. \* Market Price) - (Cost of Seed \* Planting Rate)

**Plot Top 3 Populations (Income):**

1) 65,000 - \$791.20/A  
 2) 120,000 - \$789.90/A  
 3) 80,000 - \$788.80/A

**Yield = (100-Moisture) x (Lbs. of Grain) x (Factor) / (Harvested Width in Inches) / (Harvested Length in Feet) [Not applicable if weighed with yield monitor.]**

	Brand	Product	Trait	Seed Treatment	Planting Rate	Harvested			Test Weight (Lbs.)	Moisture %	Yield (for beans only)		Income (for beans only)	
						Length (Ft)	Width (In)	Weight (Lbs)			Bu/A.	Rank	\$/ Acre	Rank
1	Zinesto	Z3000E	Enlist E3	Hefty Complete	120,000	554	420	2,459.24	-	13.73	91.30	4	\$ 773.70	7
2	Zinesto	Z3000E	Enlist E3	Hefty Complete	100,000	554	420	2,373.35	-	13.24	88.60	8	\$ 757.40	8
3	Zinesto	Z3000E	Enlist E3	Hefty Complete	120,000	554	420	2,472.21	-	13.20	92.40	2	\$ 783.60	4
4	Zinesto	Z3000E	Enlist E3	Hefty Complete	65,000	554	360	2,081.60	-	13.13	90.80	6	\$ 791.20	1
5	Zinesto	Z3000E	Enlist E3	Hefty Complete	120,000	554	360	2,135.66	-	13.20	93.10	1	\$ 789.90	2
6	Zinesto	Z3000E	Enlist E3	Hefty Complete	80,000	554	360	2,092.02	-	13.15	91.20	5	\$ 788.80	3
7	Zinesto	Z3000E	Enlist E3	Hefty Complete	120,000	554	360	2,095.39	-	13.16	91.40	3	\$ 774.60	5
8	Zinesto	Z3000E	Enlist E3	Hefty Complete	100,000	554	360	2,075.54	-	13.15	90.50	7	\$ 774.50	6
9	Zinesto	Z3000E	Enlist E3	Hefty Complete	120,000	554	270	1,500.12	-	13.14	87.20	9	\$ 736.80	9

Plot Average: **13.23** **90.72** **\$ 774.50**