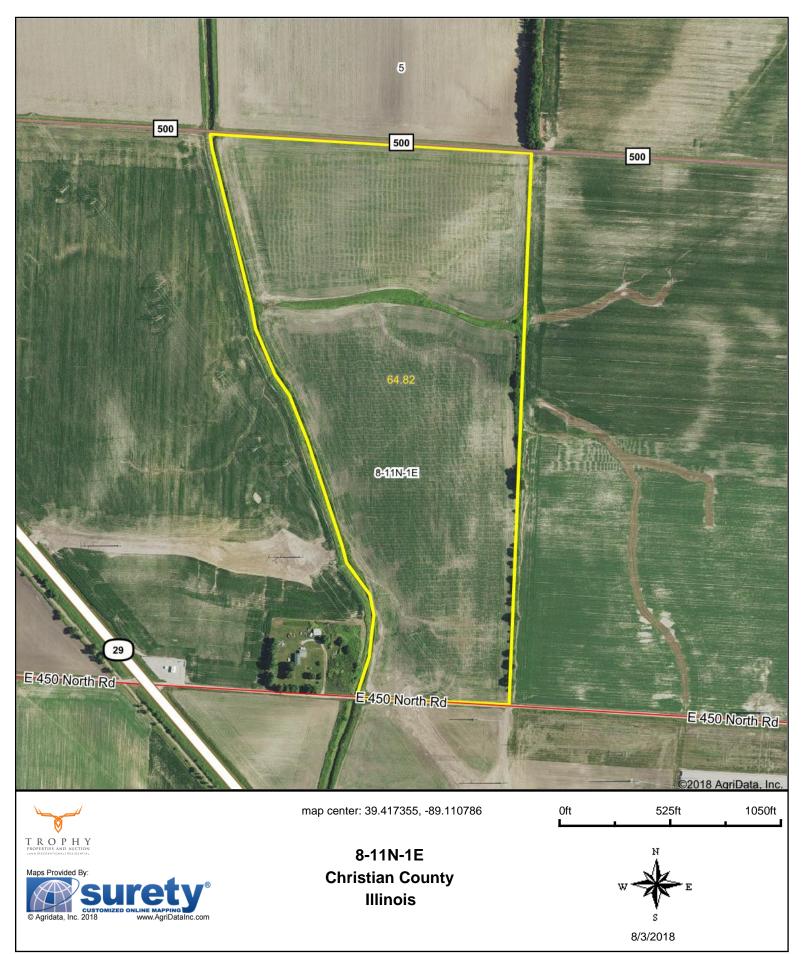
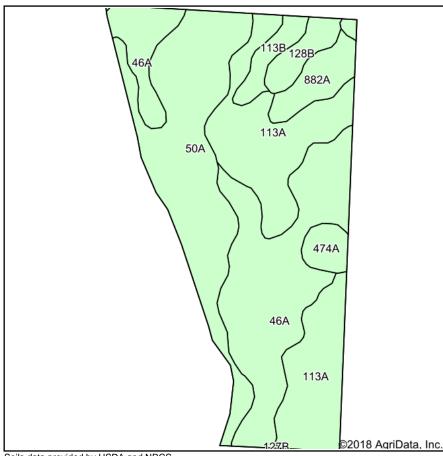
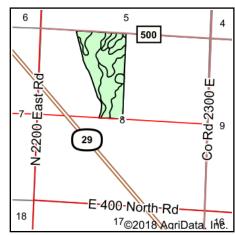
## **Aerial Map**



## Soils Map





State: Illinois
County: Christian
Location: 8-11N-1E
Township: Pana
Acres: 64.82

Date: 8/3/2018







Soils data provided by USDA and NRCS.

Area Symbol: IL021, Soil Area Version: 11													
Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <b>b</b>	Sorghum <b>c</b> Bu/A	Alfalfa <b>d</b> hay, T/A		Crop productivity index for optimum management
46A	Herrick silt loam, 0 to 2 percent slopes	20.37	31.4%		FAV	181	58	73	94	0	0.00	5.52	133
113A	Oconee silt loam, 0 to 2 percent slopes	17.98	27.7%		FAV	164	50	63	0	119	0.00	5.27	119
50A	Virden silty clay loam, 0 to 2 percent slopes	17.88	27.6%		FAV	182	59	71	93	0	0.00	5.27	135
882A	Oconee-Darmstadt- Coulterville silt loams, 0 to 2 percent slopes	3.01	4.6%		UNF	148	48	56	0	111	0.00	4.55	110
**128B	Douglas silt loam, 2 to 5 percent slopes	2.12	3.3%		FAV	**172	**53	**68	**92	0	**5.34	0.00	**126
**113B	Oconee silt loam, 2 to 5 percent slopes	1.84	2.8%		FAV	**162	**50	**62	0	**118	0.00	**5.22	**118
474A	Piasa silt loam, 0 to 2 percent slopes	1.62	2.5%		UNF	136	48	53	66	0	0.00	4.01	104
Weighted Average						173.1	55	67.9	59.9	41.5	0.17	5.11	127.2

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: <a href="http://soilproductivity.nres.illinois.edu/">http://soilproductivity.nres.illinois.edu/</a>\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

- a UNF = unfavorable; FAV = favorable
- **b** Soils in the southern region were not rated for oats and are shown with a zero "0".
- c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
- d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".
- e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.