

[illegible]

State: **Illinois**
County: **White**
Location: **5-5S-14W**
Township: **Hawthorne**
Acres: **1052.5**
Date: **5/9/2017**



T R O P H Y
PROPERTIES AND AUCTION
LAND | RECREATIONAL | RESIDENTIAL

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Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Soil Drainage	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Sorghum c Bu/A	Alfalfa ^d hay, T/A	Grass-le gume ^e hay, T/A	Crop productivity index for optimum management
3665A	Stonelick loam, 0 to 2 percent slopes, frequently flooded	138.37	13.1%		Well drained	FAV	143	44	54	64	0	3.64	0.00	103
1288A	Petrolia silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded	129.79	12.3%		Poorly drained	FAV	162	49	61	79	0	0.00	4.89	117
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded	129.79	12.3%		Well drained	FAV	177	57	69	87	0	6.65	0.00	132
3601A	Nolin silty clay loam, 0 to 2 percent slopes, frequently flooded	119.02	11.3%		Well drained	FAV	159	51	60	0	120	3.89	0.00	116
3304A	Landes fine sandy loam, 0 to 2 percent slopes, frequently flooded	82.29	7.8%		Well drained	FAV	135	45	55	61	0	3.39	0.00	100

**53B	Bloomfield fine sand, 1 to 5 percent slopes	77.45	7.4%		Somewhat excessively drained	FAV	**114	**37	**49	**58	0	0.00	**3.85	**84
3602A	Newark silt loam, 0 to 2 percent slopes, frequently flooded	76.75	7.3%		Somewhat poorly drained	FAV	134	44	58	0	117	0.00	4.77	104
7750A	Skelton fine sandy loam, 0 to 2 percent slopes, rarely flooded	57.41	5.5%		Well drained	FAV	144	45	55	0	117	3.89	0.00	105
3465A	Montgomery silty clay loam, 0 to 2 percent slopes, frequently flooded	55.92	5.3%		Very poorly drained	FAV	148	49	58	68	0	0.00	4.52	110
W	Water	36.03	3.4%											
7750B	Skelton fine sandy loam, 2 to 5 percent slopes, rarely flooded	29.99	2.8%		Well drained	FAV	144	45	55	0	117	3.89	0.00	105
7434A	Ridgway silt loam, 0 to 2 percent slopes, rarely flooded	22.17	2.1%		Well drained	FAV	164	50	61	0	119	4.52	0.00	117
7131B	Alvin fine sandy loam, 2 to 5 percent slopes, rarely flooded	19.94	1.9%		Well drained	FAV	150	49	59	74	0	3.76	0.00	111
7750C2	Skelton fine sandy loam, 5 to 10 percent slopes, eroded, rarely flooded	17.67	1.7%		Well drained	FAV	144	45	55	0	117	3.89	0.00	105
7131A	Alvin fine sandy loam, 0 to 2 percent slopes, rarely flooded	14.42	1.4%		Well drained	FAV	150	49	59	74	0	3.76	0.00	111
**53C	Bloomfield fine sand, 5 to 10 percent slopes	13.51	1.3%		Somewhat excessively drained	FAV	**112	**36	**48	**57	0	0.00	**3.77	**82
7434B	Ridgway silt loam, 2 to 5 percent slopes, rarely flooded	7.97	0.8%		Well drained	FAV	164	50	61	0	119	4.52	0.00	117
7109A	Racoon silt loam, 0 to 2 percent slopes, rarely flooded	7.18	0.7%		Poorly drained	FAV	144	46	56	0	114	3.89	0.00	106
3524A	Zipp silty clay, 0 to 2 percent slopes, frequently flooded	6.97	0.7%		Poorly drained	FAV	137	46	53	60	0	0.00	4.26	103
7208A	Sexton silt loam, 0 to 2 percent slopes, rarely flooded	5.62	0.5%		Poorly drained	FAV	157	50	63	79	0	0.00	4.89	116
7178A	Ruark loam, 0 to 2 percent slopes, rarely flooded	4.14	0.4%		Poorly drained	FAV	130	45	55	64	0	0.00	4.39	99

7751A	Crawleyville fine sandy loam, 0 to 2 percent slopes, rarely flooded	0.10	0.0%		Somewhat poorly drained	FAV	144	46	56	0	113	0.00	4.39	107
Weighted Average							143.8	45.7	56.2	45.8	38	2.67	1.59	105.7

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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** 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".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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