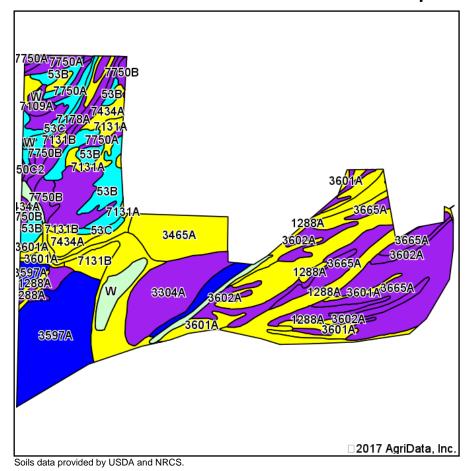
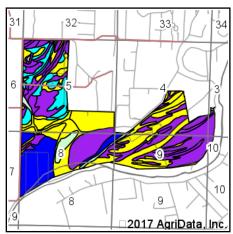
Soils Map





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







Area Symbol: IL193, Soil Area Version: 11 II. State Soil Drainage Corn Alfalfa Percent Subsoil Wheat Oats Sorghum c Grass-le Crop Code Soil Acres Soybeans productivity Description of field Productivity rooting a Bu/A Bu/A Bu/A Bu/A Bu/A d hay, gume **e** Index Legend hay, T/A index for optimum management 3665A 138.37 Stonelick 13.1% Well drained FAV 143 44 54 64 0 3.64 0.00 loam, 0 to 2 percent slopes, frequently flooded Petrolia silty 1288A 129.79 12.3% FAV 162 49 61 79 0.00 4.89 117 Poorly clay loam, drained undrained, 0 to 2 percent slopes, frequently flooded Armiesburg 3597A 129.79 FAV 177 57 69 87 6.65 0.00 132 12.3% Well drained 0 silty clay loam, 0 to 2 percent slopes, frequently flooded 3601A Nolin silty clay 119.02 11.3% Well drained FAV 159 51 60 120 3.89 0.00 116 loam, 0 to 2 percent slopes, frequently flooded 3304A Landes fine 82.29 7.8% Well drained FAV 135 45 55 61 3.39 0.00 100 sandy loam, 0 to 2 percent slopes, frequently flooded



**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	0.10	0.0%		Somewhat	FAV	144	46	56	0	113	0.00	4.39	107
	fine sandy				poorly									
	loam, 0 to 2				drained									
	percent													
	slopes, rarely flooded													
	llooded													
	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".

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

^{*}c: Using Capabilities Class Dominant Condition Aggregation Method