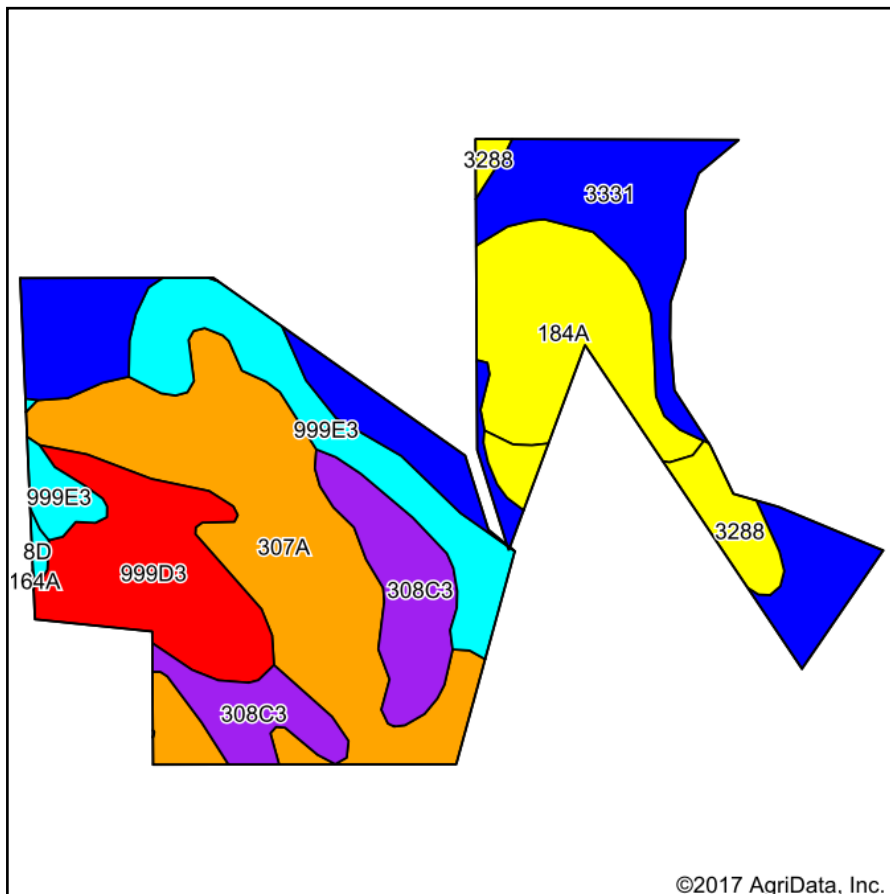
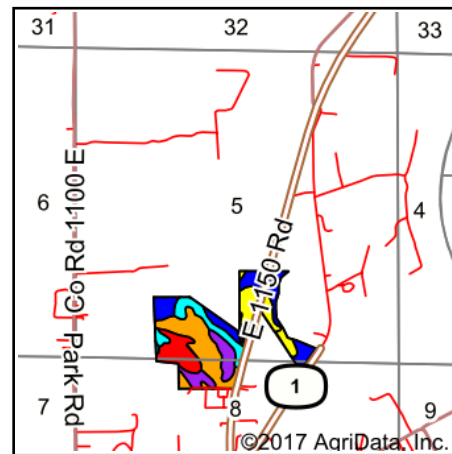


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Wabash**
 Location: **5-1S-12W**
 Township: **Mount Carmel**
 Acres: **61**
 Date: **1/15/2018**



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Area Symbol: IL185, Soil Area Version: 11

Code	Soil Description	Acres	Percent of field	Il. 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-legume e hay, T/A	Crop productivity index for optimum management
307A	Iona silt loam, 0 to 2 percent slopes	15.52	25.4%		Moderately well drained	FAV	161	51	64	80	0	4.77	0.00	118
3331	Haymond silt loam, frequently flooded	14.05	23.0%		Well drained	FAV	181	56	70	92	0	5.77	0.00	132
184A	Roby fine sandy loam, 0 to 2 percent slopes	7.45	12.2%		Somewhat poorly drained	FAV	145	50	58	70	0	0.00	4.64	111
**999D3	Hickory-Alford complex, 7 to 12 percent slopes, severely eroded	7.37	12.1%		Well drained	FAV	**127	**40	**51	0	**101	0.00	**3.97	**95
**999E3	Hickory-Alford complex, 12 to 30 percent slopes, severely eroded	7.20	11.8%		Well drained	FAV	**101	**32	**40	0	**80	0.00	**3.14	**75
**308C3	Alford silt loam, 5 to 10 percent slopes, severely eroded	6.56	10.8%		Well drained	FAV	**144	**44	**56	0	**103	**4.32	0.00	**104

3288	Petrolia silty clay loam, frequently flooded	2.66	4.4%		Poorly drained	FAV	162	49	61	79	0	0.00	4.89	117
**8D	Hickory silt loam, 10 to 18 percent slopes	0.19	0.3%		Well drained	FAV	**113	**38	**46	**52	0	**3.74	0.00	**86
Weighted Average							150.5	47.6	59.2	53.7	32.7	3.02	1.63	110.9

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.