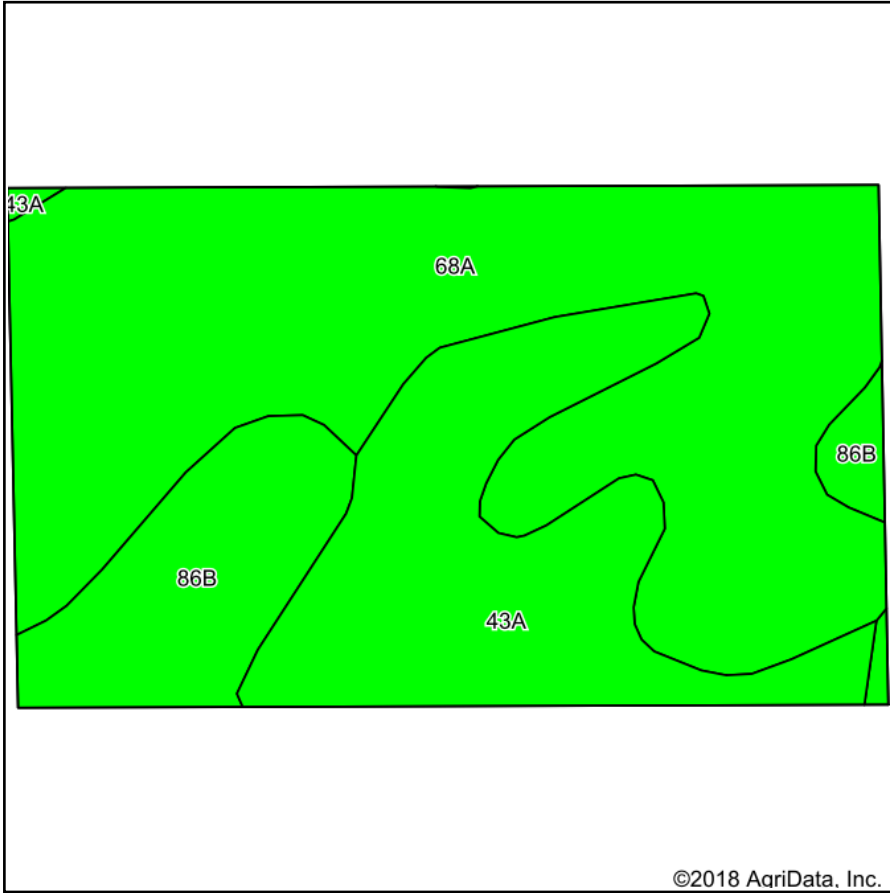
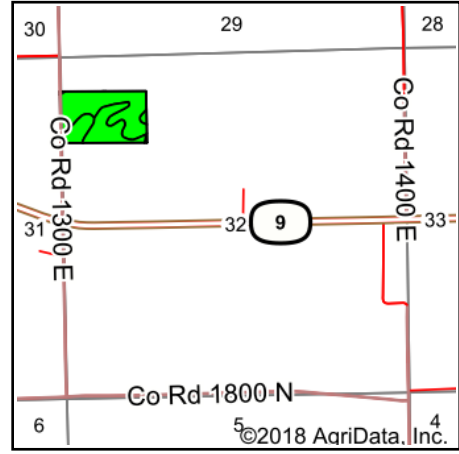


Pioneer Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **McDonough**
 Location: **32-7N-2W**
 Township: **Walnut Grove**
 Acres: **25.01**
 Date: **8/16/2018**



Maps Provided By:



Area Symbol: IL109, Soil Area Version: 13

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	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
68A	Sable silty clay loam, 0 to 2 percent slopes	14.84	59.3%		FAV	192	63	74	99	0	0.00	5.77	143
43A	Ipava silt loam, 0 to 2 percent slopes	6.56	26.2%		FAV	191	62	77	100	0	0.00	5.90	142
**86B	Osco silt loam, 2 to 5 percent slopes	3.61	14.4%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
Weighted Average						191.3	62.2	74.8	99.6	*-	0.99	4.97	142.3

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: <http://soilproductivity.nres.illinois.edu/>

** 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