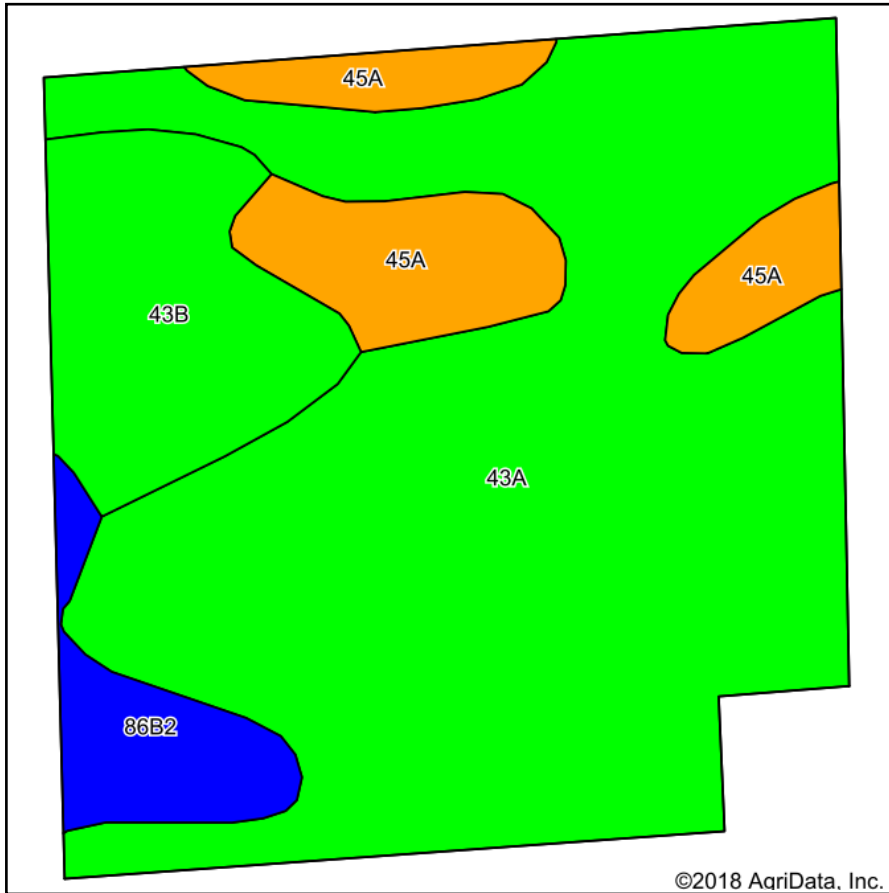
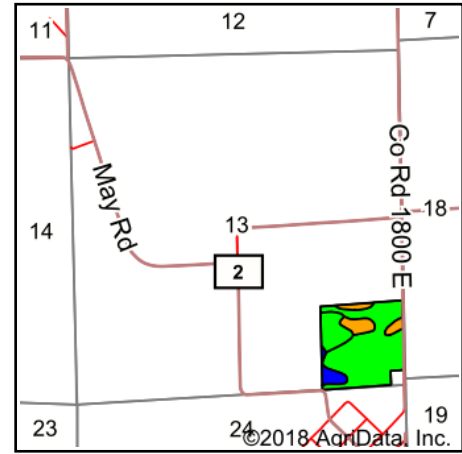


Sullivan Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **McDonough**
 Location: **13-6N-2W**
 Township: **Macomb**
 Acres: **39.22**
 Date: **8/16/2018**



Maps Provided By:



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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
43A	Ipava silt loam, 0 to 2 percent slopes	27.31	69.6%		FAV	191	62	77	100	0	0.00	5.90	142
**43B	Ipava silt loam, 2 to 5 percent slopes	5.14	13.1%		FAV	**189	**61	**76	**99	0	0.00	**5.84	**141
45A	Denny silt loam, 0 to 2 percent slopes	4.58	11.7%		FAV	159	52	64	77	0	0.00	4.89	118
**86B2	Osco silt loam, 2 to 5 percent slopes, eroded	2.19	5.6%		FAV	**181	**57	**71	**97	0	**6.56	0.00	**134
Weighted Average						186.4	60.4	75	97	*-	0.37	5.44	138.6

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