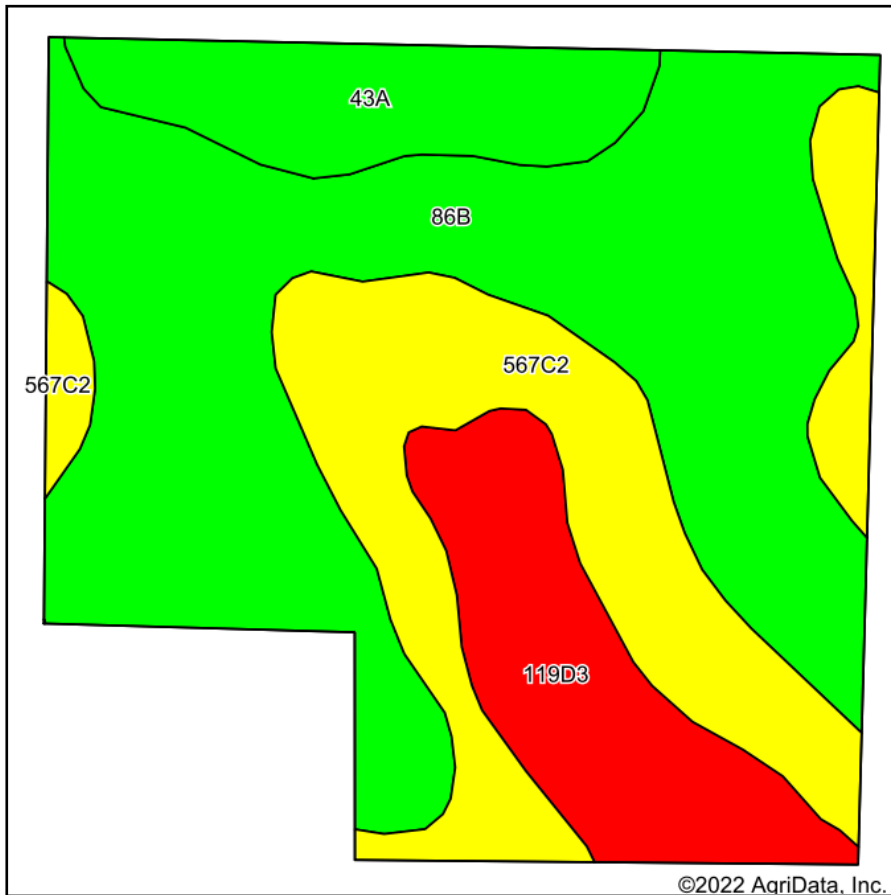
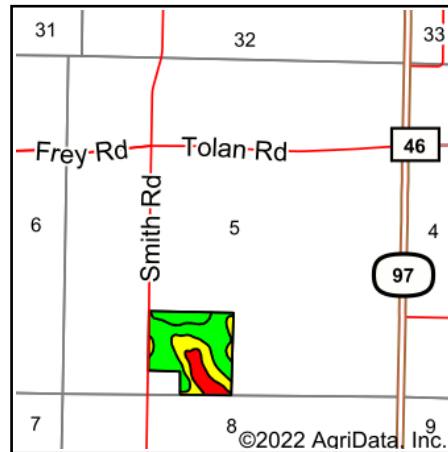


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Sangamon**
 Location: **5-16N-6W**
 Township: **Gardner**
 Acres: **35.39**
 Date: **11/29/2022**



Area Symbol: IL167, Soil Area Version: 15

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
**86B	Osco silt loam, 2 to 5 percent slopes	17.78	50.2%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
**567C2	Elkhart silt loam, 5 to 10 percent slopes, eroded	9.20	26.0%		FAV	**159	**50	**60	**76	0	**4.90	0.00	**116
**119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded	4.82	13.6%		FAV	**122	**40	**48	**61	0	**3.45	0.00	**91
43A	Ipava silt loam, 0 to 2 percent slopes	3.59	10.1%		FAV	191	62	77	100	0	0.00	5.90	142
Weighted Average						172.3	54.4	67.1	89	*-	5.18	0.60	127.3

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.