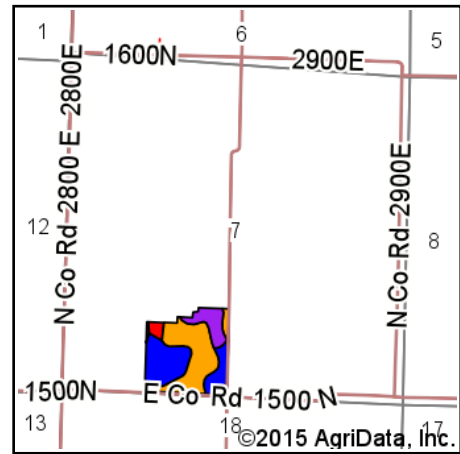
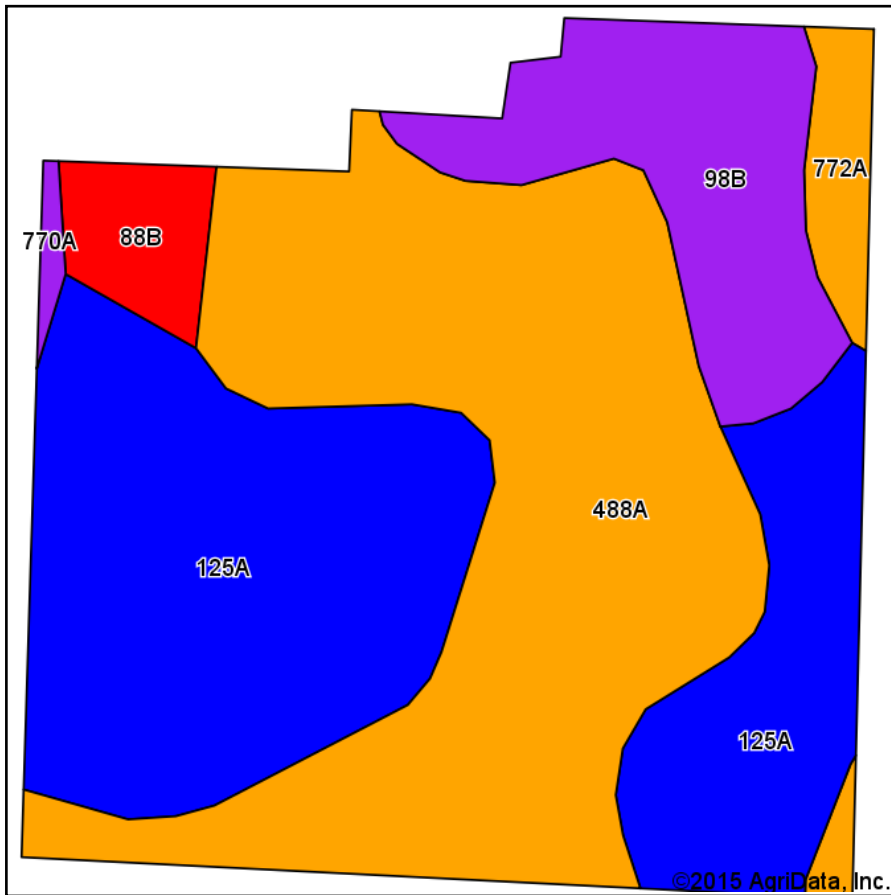


Soil Map



State: **Illinois**
 County: **Mason**
 Location: **7-21N-6W**
 Township: **Pennsylvania**
 Acres: **35.76**
 Date: **4/21/2015**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL125, Soil Area Version: 8

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
488A	Hooppole loam, 0 to 2 percent slopes	14.73	41.2%		FAV	163	54	64	78	0	0.00	5.02	121
125A	Selma loam, 0 to 2 percent slopes	13.87	38.8%		FAV	176	57	70	90	0	0.00	6.38	129
**98B	Ade loamy fine sand, 1 to 6 percent slopes	4.60	12.9%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102
772A	Marshan loam, 0 to 2 percent slopes	1.18	3.3%		FAV	166	55	64	82	0	0.00	4.77	124
**88B	Sparta loamy sand, 1 to 6 percent slopes	1.18	3.3%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
770A	Udolpho fine sandy loam, 0 to 2 percent slopes	0.20	0.6%		FAV	138	45	55	73	0	0.00	4.14	103
Weighted Average						162.8	53.8	64.9	80.9	*	0.00	5.40	120.7

Area Symbol: IL125, Soil Area Version: 8

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 (Updated 1/10/2012)

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.