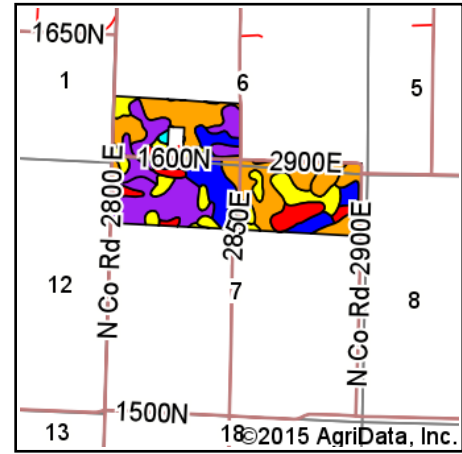
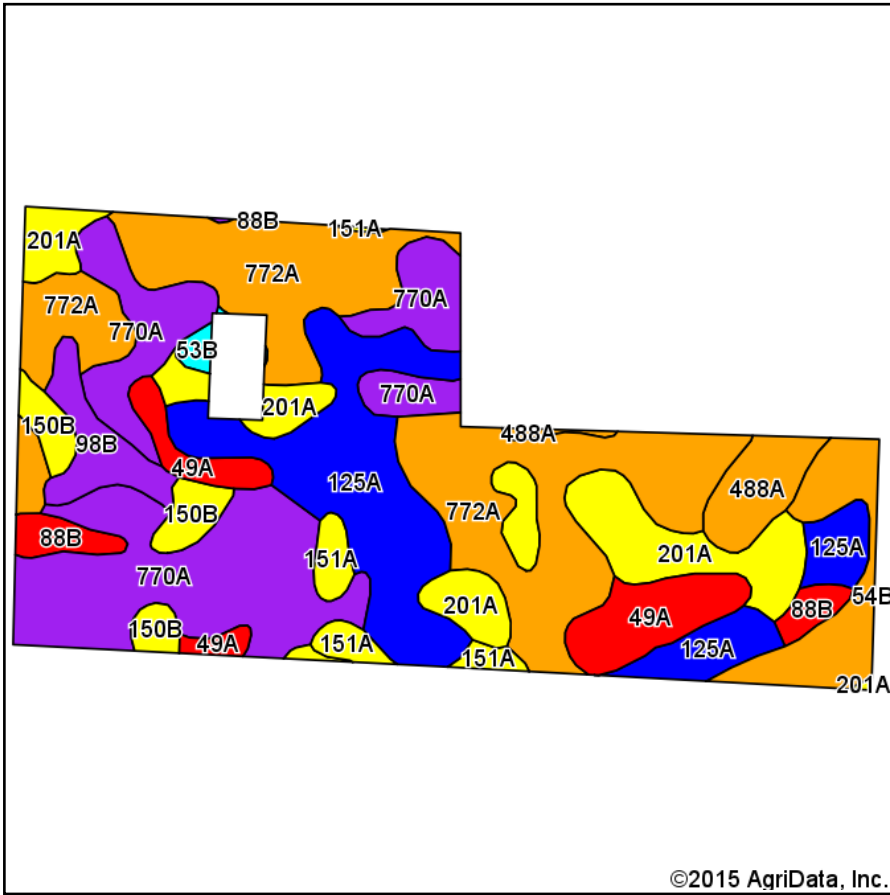


Soil Map



State: **Illinois**
 County: **Mason**
 Location: **7-21N-6W**
 Township: **Pennsylvania**
 Acres: **238.86**
 Date: **4/22/2015**



Maps Provided By:



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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-leg ^e hay, T/A	Crop productivity index for optimum management
772A	Marshan loam, 0 to 2 percent slopes	73.88	30.9%		FAV	166	55	64	82	0	0.00	4.77	124
770A	Udolpho fine sandy loam, 0 to 2 percent slopes	51.51	21.6%		FAV	138	45	55	73	0	0.00	4.14	103
125A	Selma loam, 0 to 2 percent slopes	39.41	16.5%		FAV	176	57	70	90	0	0.00	6.38	129
201A	Gilford fine sandy loam, 0 to 2 percent slopes	24.23	10.1%		FAV	148	49	59	73	0	0.00	4.52	110
49A	Watseka loamy sand, 0 to 2 percent slopes	14.21	5.9%		FAV	122	41	51	61	0	0.00	4.39	93
151A	Ridgeville sandy loam, 0 to 2 percent slopes	8.04	3.4%		FAV	151	51	63	78	0	0.00	5.02	114
488A	Hoopole loam, 0 to 2 percent slopes	7.41	3.1%		FAV	163	54	64	78	0	0.00	5.02	121
**150B	Onarga sandy loam, 2 to 5 percent slopes	7.22	3.0%		FAV	**147	**48	**60	**76	0	**4.10	0.00	**109
**98B	Ade loamy fine sand, 1 to 6 percent slopes	6.95	2.9%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102
**88B	Sparta loamy sand, 1 to 6 percent slopes	4.93	2.1%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
**53B	Bloomfield fine sand, 1 to 7 percent slopes	1.07	0.4%		FAV	**114	**37	**49	**58	0	0.00	**3.85	**84
Weighted Average						153.8	50.8	61.1	77.8	*-	0.12	4.69	114.6

Area Symbol: IL125, Soil Area Version: 8

Maps Provided By:

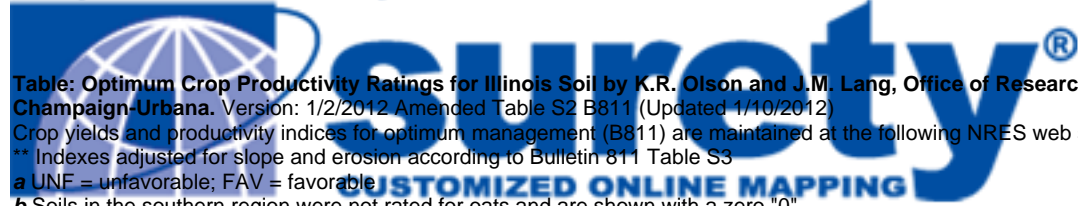


Table: **Optimum Crop Productivity Ratings for Illinois Soil** by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811 (Updated 1/10/2012)

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 UNE = 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 north and south of 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.

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