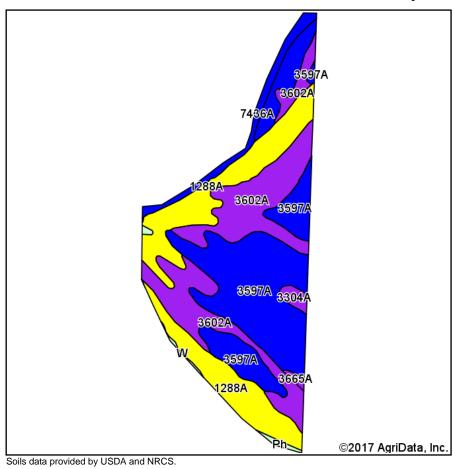
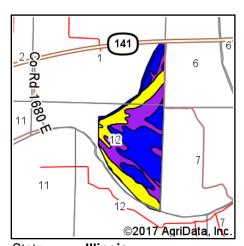
Soils Map



flooded



State: Illinois
County: White
Location: 12-7S-10E
Township: Emma
Acres: 233.3
Date: 4/6/2017







Area Symbol: IL193, Soil Area Version: 11 Area Symbol: IN129, Soil Area Version: 16 Soil Description Acres Percent II. State Subsoil Corn Soybeans Wheat Oats Sorghum c Alfalfa Grass-leg Crop Code Soil of field Productivity Drainage rooting a Bu/A Bu/A Bu/A Bu/A Bu/A d hay, ume e productivity Index Legend hay, T/A index for optimum management 3597A 91.87 39.4% FAV 177 6.65 Armiesburg silty Well drained 57 69 87 0 0.00 clay loam, 0 to 2 percent slopes, frequently flooded 3602A Newark silt loam, 66.09 28.3% Somewhat FAV 134 44 58 0 117 0.00 4.77 104 0 to 2 percent poorly slopes, drained frequently flooded 60.25 1288A Petrolia silty clay 25.8% FAV 162 49 61 79 0.00 4.89 117 Poorly 0 loam, undrained, drained 0 to 2 percent slopes, frequently flooded 7436A Meadowbank silt 9.74 4.2% Well drained FAV 190 57 71 0 130 6.27 0.00 137 loam, 0 to 2 percent slopes. rarely flooded 3304A 2.59 45 0.00 100 Landes fine 1.1% Well drained FAV 135 55 61 0 3.39 sandy loam, 0 to 2 percent slopes frequently flooded Ph Petrolia silty clay 0.99 0.4% Poorly loam, frequently drained



	Stonelick loam, 0 to 2 percent slopes, frequently flooded	0.89	0.4%		Well drained	FAV	143	44	54	64	0	3.64	0.00	103
W	Water	0.88	0.4%											
Weighted Average							159.5	50.6	63.1	55.6	38.6	2.93	2.61	118.9

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:

- https://www.ideals.illinois.edu/handle/2142/1027/
 ** 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