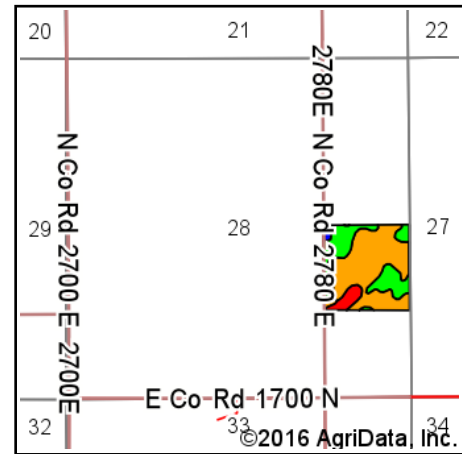
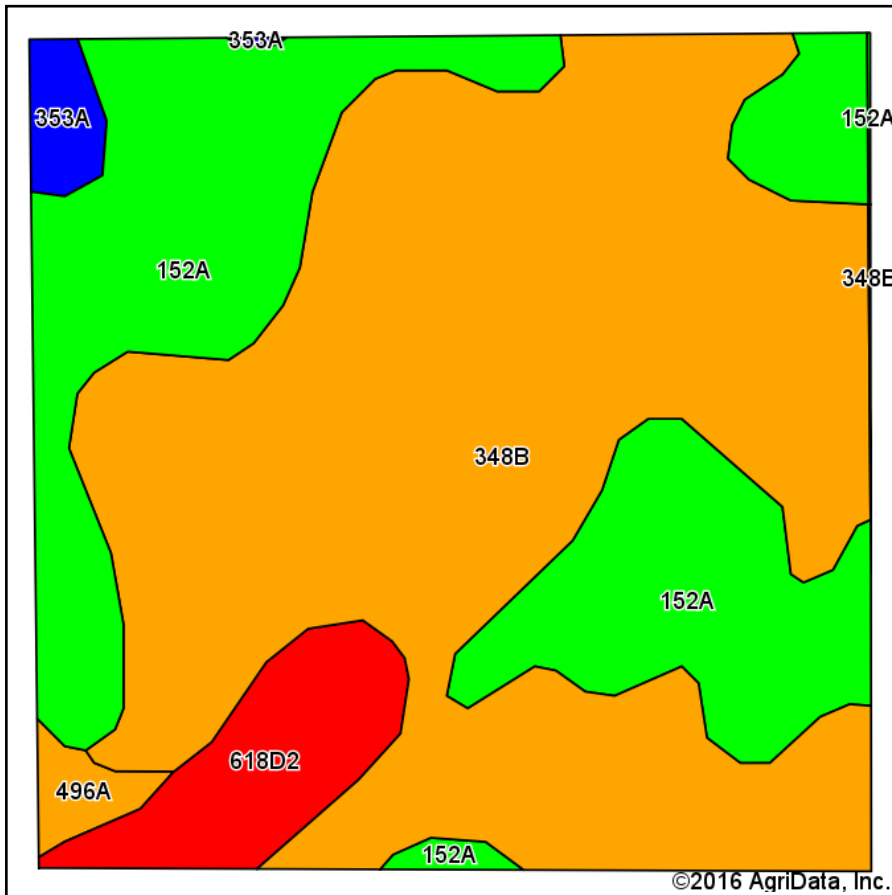


De De - Coles Soils Map



State: **Illinois**
 County: **Edgar**
 Location: **27-14N-14W**
 Township: **Embarrass**
 Acres: **40.32**
 Date: **10/27/2016**



Soils data provided by USDA and NRCS.

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Area Symbol: IL029, Soil Area Version: 15
 Area Symbol: IL045, Soil Area Version: 10

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
**348B	Wingate silt loam, 2 to 5 percent slopes	24.40	60.5%		FAV	**163	**51	**67	**91	0	**5.34	0.00	**120
152A	Drummer silty clay loam, 0 to 2 percent slopes	12.37	30.7%		FAV	195	63	73	100	0	0.00	5.64	144
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	2.45	6.1%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
353A	Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	0.61	1.5%		FAV	174	56	69	93	0	0.00	5.27	128
496A	Fincastle silt loam, udic moisture class, 0 to 2 percent slopes	0.49	1.2%		FAV	166	52	65	85	0	0.00	5.02	121
Weighted Average						171	54.2	67.9	92	*.	3.42	1.87	126

Area Symbol: IL029, Soil Area Version: 15
 Area Symbol: IL045, Soil Area Version: 10

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