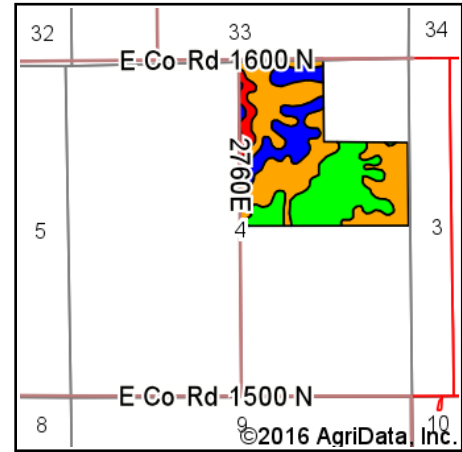
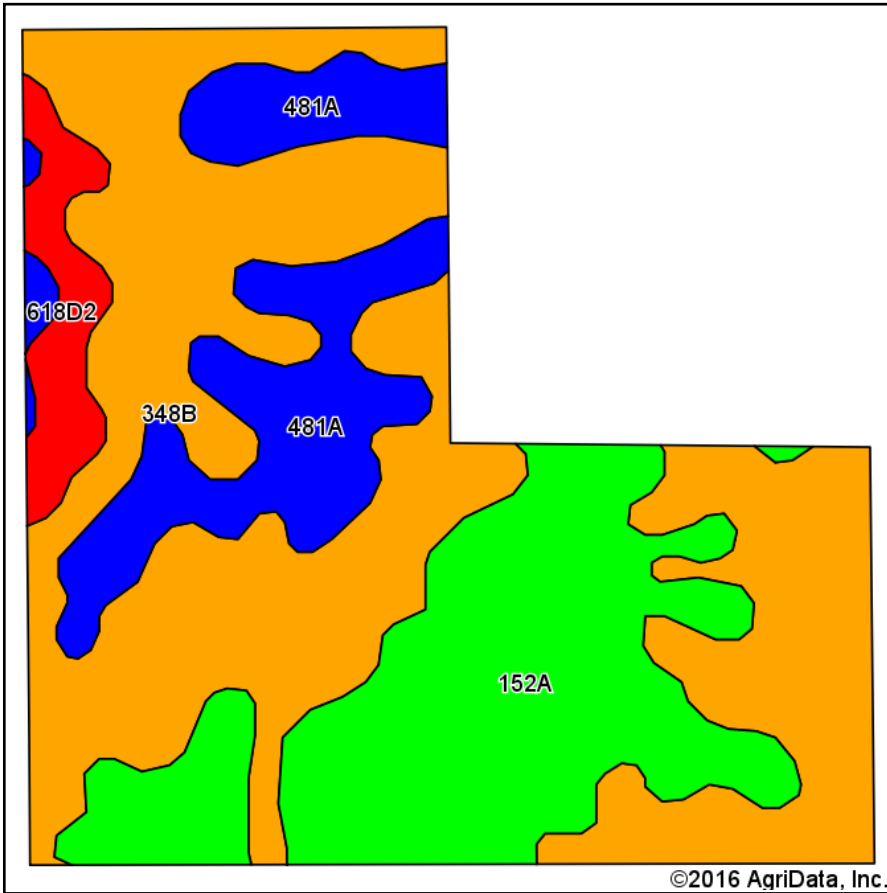


Conaghan N Soils Map



State: **Illinois**
 County: **Coles**
 Location: **4-13N-14W**
 Township: **East Oakland**
 Acres: **118.76**
 Date: **10/25/2016**



Soils data provided by USDA and NRCS.

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Area Symbol: IL029, Soil Area Version: 15

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A	Sorghum Bu/A	Alfalfa hay, T/A	Grass-legume hay, T/A	Crop productivity index for optimum management
**348B	Wingate silt loam, 2 to 5 percent slopes	61.75	52.0%	Orange	FAV	**163	**51	**67	**91	0	**5.34	0.00	**120
152A	Drummer silty clay loam, 0 to 2 percent slopes	33.36	28.1%	Green	FAV	195	63	73	100	0	0.00	5.64	144
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	17.75	14.9%	Blue	FAV	183	58	73	102	0	0.00	5.64	134
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	5.14	4.3%	Red	FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded	0.76	0.6%	Blue	FAV	180	58	70	90	0	0.00	5.52	133
Weighted Average						173.7	55.1	69	93.9	*	2.91	2.46	127.8

Area Symbol: IL029, Soil Area Version: 15

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