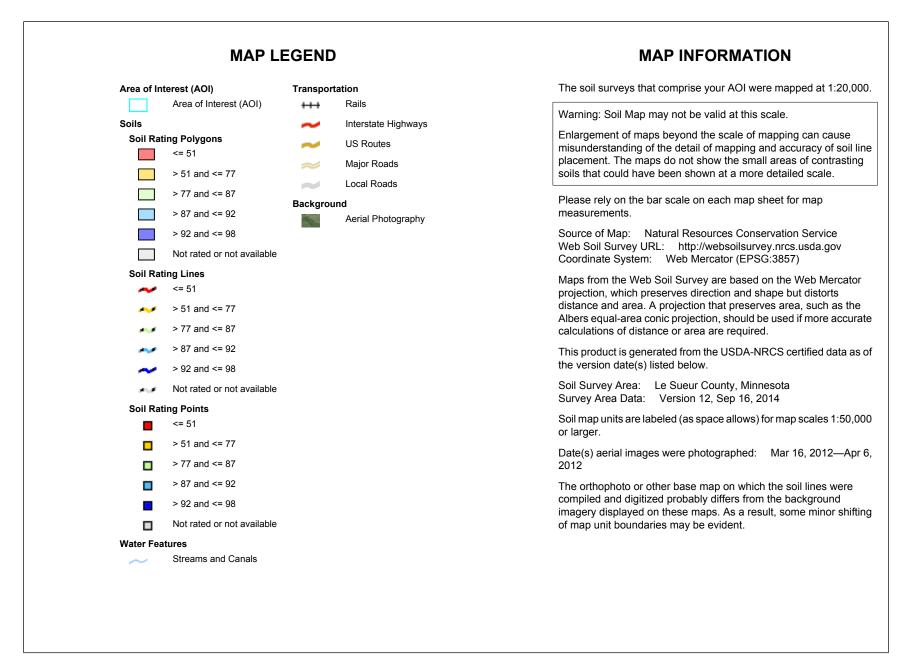


USDA Natural Resources Conservation Service Web Soil Survey National Cooperative Soil Survey



USDA

Crop Productivity Index

Crop Productivity Index— Summary by Map Unit — Le Sueur County, Minnesota (MN079)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
106B	Lester loam, 2 to 6 percent slopes	92	4.0	4.6%
106C2	Lester loam, 6 to 10 percent slopes, moderately eroded	77	4.9	5.6%
106D2	Lester loam, 10 to 16 percent slopes, moderately eroded		0.7	0.8%
109	Cordova clay loam	87	26.2	30.0%
114	Glencoe clay loam	86	4.1	4.7%
123	Dundas loam	91	0.5	0.5%
239B	Le Sueur clay loam, 1 to 4 percent slopes	98	42.9	49.0%
525	Muskego soils, 0 to 1 percent slopes	51	1.8	2.1%
539	Klossner muck, 0 to 1 percent slopes	77	2.3	2.6%
Totals for Area of Interest			87.4	100.0%

Description

Crop productivity index ratings provide a relative ranking of soils based on their potential for intensive crop production. An index can be used to rate the potential yield of one soil against that of another over a period of time. Ratings range from 0 to 100. The higher numbers indicate higher production potential. The rating is not crop specific.

When the soils are rated, the following assumptions are made: a) adequate management, b) natural weather conditions (no irrigation), c) artificial drainage where required, d) no frequent flooding on the lower lying soils, and e) no land leveling or terracing. Even though predicted average yields will change with time, the productivity indices are expected to remain relatively constant in relation to one another over time.

Rating Options

Aggregation Method: Weighted Average Component Percent Cutoff: None Specified Tie-break Rule: Higher Interpret Nulls as Zero: Yes