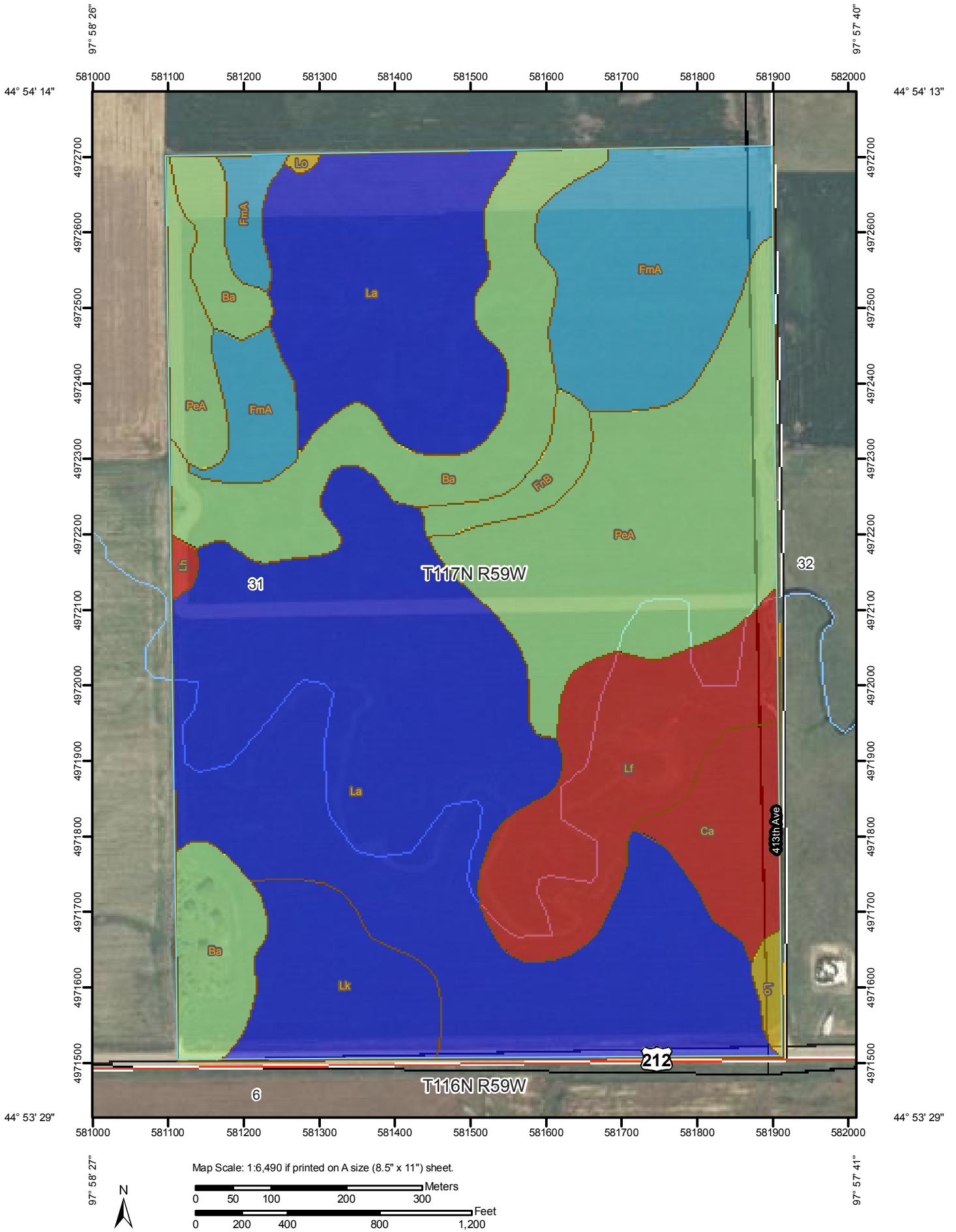



Crop Productivity Index—Clark County, South Dakota
(Tract 2 Farm 2 South Productivity Rating)



MAP LEGEND







Area of Interest (AOI)

 Area of Interest (AOI)




Soils

 Soil Map Units



Soil Ratings

-  <= 34
-  > 34 AND <= 57
-  > 57 AND <= 76
-  > 76 AND <= 87
-  > 87 AND <= 93
-  Not rated or not available






Political Features

-  Cities
-  PLSS Township and Range
-  PLSS Section

Water Features

-  Oceans
-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:6,490 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 14N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Clark County, South Dakota
Survey Area Data: Version 13, Oct 15, 2008

Date(s) aerial images were photographed: 7/13/2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Crop Productivity Index

Crop Productivity Index— Summary by Map Unit — Clark County, South Dakota				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ba	Badger-Tonka silty clay loams	74	29.2	12.3%
Ca	Cavour-Ferney loams	30	8.4	3.5%
FmA	Forman-Aastad loams, 0 to 3 percent slopes	87	27.8	11.7%
FnB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	76	3.3	1.4%
La	La Prairie loam	92	98.6	41.4%
Lf	La Prairie-Fairdale loams, channeled	34	21.0	8.8%
Lh	La Prairie-Holmquist loams, channeled	32	0.5	0.2%
Lk	LaDelle silt loam	93	11.8	5.0%
Lo	Lowe loam	57	1.4	0.6%
PeA	Peever clay loam, 0 to 2 percent slopes	75	35.8	15.1%
Totals for Area of Interest			237.9	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