

Highway 25 Pasture
Section 1-10-34
Grazing Production Calculation

	Soil Type 1899	Soil Type 4504	TOTAL
Acres	610.82	4.80	615.62
Grazing Period (Months)	5.5	5.5	
Total pounds Grass/A (WSS DATA)	1992	2376	
Aum per Acre	0.64	0.76	
Total AUM	390	4	
Carry in AU's	70.91	0.66	71.57
Carry in pairs (1.4 AU/pair)	51	0	51
Carry in yearlings (0.8 AU/yearling)	89	1	89
Rental Income (Gross)			
Pairs (\$1.85/day)	\$15,567.75	\$0.00	\$15,567.75
Yearlings (\$1.05/day)	\$15,419.25	\$173.25	\$15,592.50
Rental Income (Per Acre)			
Pairs (\$1.85/day)	\$25.49	\$0.00	\$25.29
Yearlings (\$1.05/day)	\$25.24	\$36.09	\$25.33

Soil Types

1899

Valentine fine sand, rolling

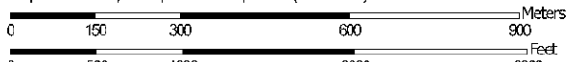
4504

Dunday-Valentine loamy fine sands, 0 to 6 percent slopes

Range Production (Normal Year)—Lincoln County, Nebraska
(Cajama)




















Map Scale: 1:12,100 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84



MAP LEGEND

	Area of Interest (AOI) Area of Interest (AOI)
Soils	
Soil Rating Polygons	
	<= 1992
	> 1992 and <= 2376
	Not rated or not available
Soil Rating Lines	
	<= 1992
	> 1992 and <= 2376
	Not rated or not available
Soil Rating Points	
	<= 1992
	> 1992 and <= 2376
	Not rated or not available
Water Features	
	Streams and Canals
Transportation	
	Rails
	Interstate Highways
	US Routes
	Major Roads
	Local Roads
Background	
	Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Lincoln County, Nebraska

Survey Area Data: Version 18, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 24, 2010—Oct 29, 2016

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.

Range Production (Normal Year)

Map unit symbol	Map unit name	Rating (pounds per acre per year)	Acres in AOI	Percent of AOI
1899	Valent sand, rolling	1992	601.4	99.2%
4504	Dunday-Valentine loamy fine sands, 0 to 6 percent slopes	2376	4.8	0.8%
Totals for Area of Interest			606.2	100.0%

Description

Total range production is the amount of vegetation that can be expected to grow annually in a well managed area that is supporting the potential natural plant community. It includes all vegetation, whether or not it is palatable to grazing animals. It includes the current year's growth of leaves, twigs, and fruits of woody plants. It does not include the increase in stem diameter of trees and shrubs. It is expressed in pounds per acre of air-dry vegetation. In a normal year, growing conditions are about average. Yields are adjusted to a common percent of air-dry moisture content.

In areas that have similar climate and topography, differences in the kind and amount of vegetation produced on rangeland are closely related to the kind of soil. Effective management is based on the relationship between the soils and vegetation and water.

Rating Options

Units of Measure: pounds per acre per year

Aggregation Method: Weighted Average

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: Yes