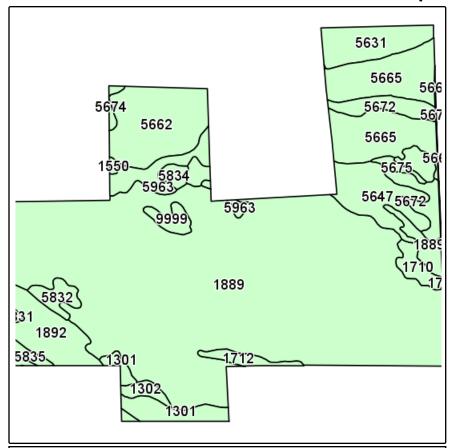
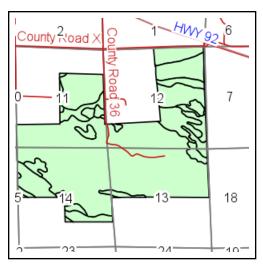
Soils Map



Field borders provided by Farm Service Agency as of 5/21/2008. Soils data provided by USDA and NRCS.



State: Nebraska
County: Scotts Bluff
Location: 12-20N-53W
Township: Castle Rock
Acres: 1333.7
Date: 9/13/2012



AARE



Maps provided by:

Surety

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| Code | Soil Description | Acres | Percent of field | Non-Irr Class | | Productivity Index | | Alfalfa hay Irrigated | Corn Irrigated | Dry beans Irrigated | Sugar beets Irrigated | Winter wheat |
|------|--|-------|---------------------|------------------|------|-----------------------|----|--------------------------|-------------------|------------------------|-----------------------------|-----------------|
| 1889 | Valent fine sand, rolling | 803.3 | 60.2% | Vle | | 18 | 18 | | | | | |
| 5665 | Minatare-Janise complex, rarely flooded | 115.3 | 8.6% | VIs | | 0 | 16 | | | | | |
| 5662 | McGrew loam, alkali, occasionally flooded | 83 | 6.2% | IVs | IIIs | 0 | 11 | 3.9 | 90 | 18 | 16 | 24 |
| 5647 | Janise soils, rarely flooded | 50 | 3.8% | VIs | | 0 | 15 | | | | | |
| 1892 | Valent loamy fine sand, 3 to 9 percent slopes | 48 | 3.6% | Vle | IVe | 23 | 23 | 3.3 | 95 | | | |
| 5631 | Gering loam, alkali, occasionally flooded | 42.1 | 3.2% | IVs | IVs | 0 | 23 | 4.1 | 95 | 20 | 17 | |
| 5672 | Yockey silt loam, alkali, occasionally flooded | 37.8 | 2.8% | IVs | IIIs | 0 | 12 | 3.7 | 90 | 24 | 20 | 26 |
| 5963 | Jayem fine sandy loam, 1 to 3 percent slopes | 28.8 | 2.2% | IIIe | lle | 0 | 44 | 4.4 | 130 | 34 | 20 | 30 |
| 1301 | Bayard fine sandy loam, 3 to 6 percent slopes | 28.2 | 2.1% | IVe | IIIe | 0 | 42 | 4.3 | 125 | 33 | 17 | 26 |
| 9999 | Water | 20 | 1.5% | | | 0 | 0 | | | | | |
| 1710 | Otero very fine sandy loam, 3 to 6 percent slopes | 13.5 | 1.0% | IVe | IIIe | 0 | 42 | 4.5 | 120 | 31 | 19 | 29 |
| 5832 | Mitchell fine sandy loam, 3 to 6 percent slopes | 13.2 | 1.0% | IIIe | IIIe | 0 | 44 | 4.6 | 120 | 32 | 19 | 30 |
| 1712 | Otero-Bayard fine sandy loams, 0 to 3 percent slopes | 10 | 0.7% | IIIe | lle | 0 | 41 | 4.3 | 130 | 28 | 19 | 27 |
| 1302 | Bayard fine sandy loam, 6 to 9 percent slopes | 7.9 | 0.6% | IVe | IVe | 0 | 40 | 3.6 | 120 | 26 | 14 | 21 |
| 5834 | Mitchell silt loam, 0 to 1 percent slopes | 6.6 | 0.5% | IIIc | I | 0 | 48 | 5.5 | 130 | 39 | 24 | 44 |
| 5966 | Jayem fine sandy loam, 3 to 6 percent slopes | 6.2 | 0.5% | IVe | IIIe | 0 | 43 | 4 | 125 | 29 | 17 | 26 |
| 5675 | Yockey loam, occasionally flooded | 5 | 0.4% | IVs | IIIs | 0 | 11 | 4.3 | 100 | 20 | 18 | |
| 5835 | Mitchell silt loam, 1 to 3 percent slopes | 4.9 | 0.4% | IIIe | lle | 0 | 47 | 5.3 | 124 | 37 | 23 | 39 |
| 5674 | Yockey fine sandy loam, occasionally flooded | 3.1 | 0.2% | IVs | IIIs | 0 | 11 | 4.3 | 95 | 20 | 18 | 27 |
| 1880 | Valent and Dwyer fine sands, rolling | 1.6 | 0.1% | Vle | | 0 | 17 | | | | | |

| | Dailey and Valent loamy fine sands, 3 to 6 percent slopes | 1.5 | 0.1% | Vle | IVe | 0 | 18 | 3.1 | 110 | 22 | 14 | |
|------------------|---|-----|------|------|------|---|------|-----|------|-----|-----|-----|
| 1889 | Valent fine sand, rolling | 1.2 | 0.1% | Vle | | 0 | 12 | | | | | |
| 1 | Mitchell fine sandy loam, 0 to 3 percent slopes | 1 | 0.1% | IIIe | lle | 0 | 45 | 5.1 | 125 | 36 | 23 | 36 |
| 5665 | Minatare-Janise complex, rarely flooded | 0.8 | 0.1% | VIs | | 0 | 16 | | | | | |
| 5672 | Yockey silt loam, alkali, occasionally flooded | 0.6 | 0.0% | IVs | IIIs | 0 | 12 | 3.7 | 90 | 24 | 20 | 26 |
| 1 | Otero very fine sandy loam, 3 to 6 percent slopes | 0.1 | 0.0% | IVe | IIIe | 0 | 42 | 4.5 | 120 | 31 | 19 | 29 |
| Weighted Average | | | | | | | 19.4 | 1 | 26.7 | 5.5 | 3.9 | 5.9 |