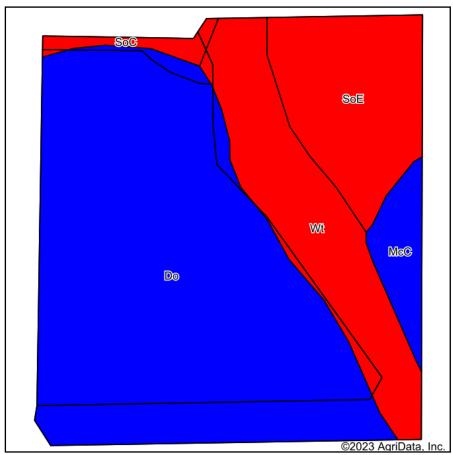
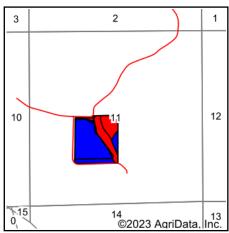
## **Soils Map**





State: **South Dakota** 

County: **Brule** 

Location: 11-101N-71W

Township: America Acres: 42.46 9/9/2023 Date:





Soils data provided by USDA and NRCS.

| Area Symbol: SD603, Soil Area Version: 26 |  |       |                     |              |                            |                    |                       |                        |                           |            |                        |            |                             |                       |                      |
|---|--|-------|---------------------|--------------|----------------------------|--------------------|-----------------------|------------------------|---------------------------|------------|------------------------|------------|-----------------------------|-----------------------|----------------------|
| Code                                      | Soil<br>Description  | Acres | Percent<br>of field | PI<br>Legend | Non-<br>Irr<br>Class<br>*c | Irr<br>Class<br>*c | Productivity<br>Index | Alfalfa<br>hay<br>Tons | Bromegrass<br>alfalfa AUM | Corn<br>Bu | Grain<br>sorghum<br>Bu | Oats<br>Bu | Smooth<br>bromegrass<br>AUM | Winter<br>wheat<br>Bu | *n NCCPI<br>Soybeans |
| Do  | Dorna silt loam  | 26.05 | 61.4%               |              | llc                        |                    | 89                    | 2.1                    |                           | 34         | 42                     | 47         | 3.5                         | 27                    | 52                   |
| Wt  | Wendte silty<br>clay,<br>channeled,<br>occasionally<br>flooded | 7.58  | 17.9%               |              | VIw                        | VIw                | 33                    |                        |                           |            |                        |            |                             |                       | 22                   |
| SoE                                       | Sully-Lowry silt<br>loams, 9 to 25<br>percent slopes           | 6.35  | 15.0%               |              | Vle                        |                    | 21                    |                        |                           |            |                        |            |                             |                       | 42                   |
| McC                                       | McClure silty clay loam, 6 to 9 percent slopes                 | 1.78  | 4.2%                |              | Ille                       | Ille               | 82                    |                        |                           |            |                        |            |                             |                       | 41                   |
| SoC                                       | Sully-Lowry silt<br>loams, 6 to 9<br>percent slopes            | 0.70  | 1.6%                |              | IVe                        |                    | 44                    | 1.5                    | 2.5                       | 29         |                        | 37         |                             |                       | 49                   |
| Weighted Average                          |  |       |                     | 3.39         | *-                         | 67.8               | 1.3                   | *-                     | 21.3                      | 25.8       | 29.4                   | 2.1        | 16.6                        | *n 44.6               |                      |

<sup>\*</sup>n: The aggregation method is "Weighted Average using all components"

<sup>\*</sup>c: Using Capabilities Class Dominant Condition Aggregation Method
\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data. Soils data provided by USDA and NRCS.