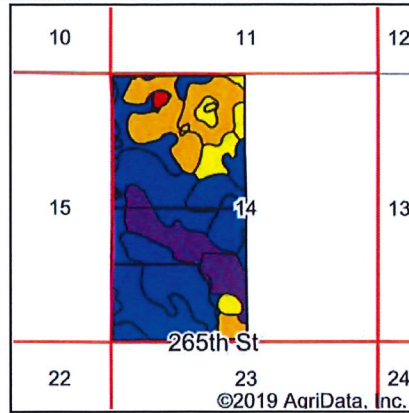
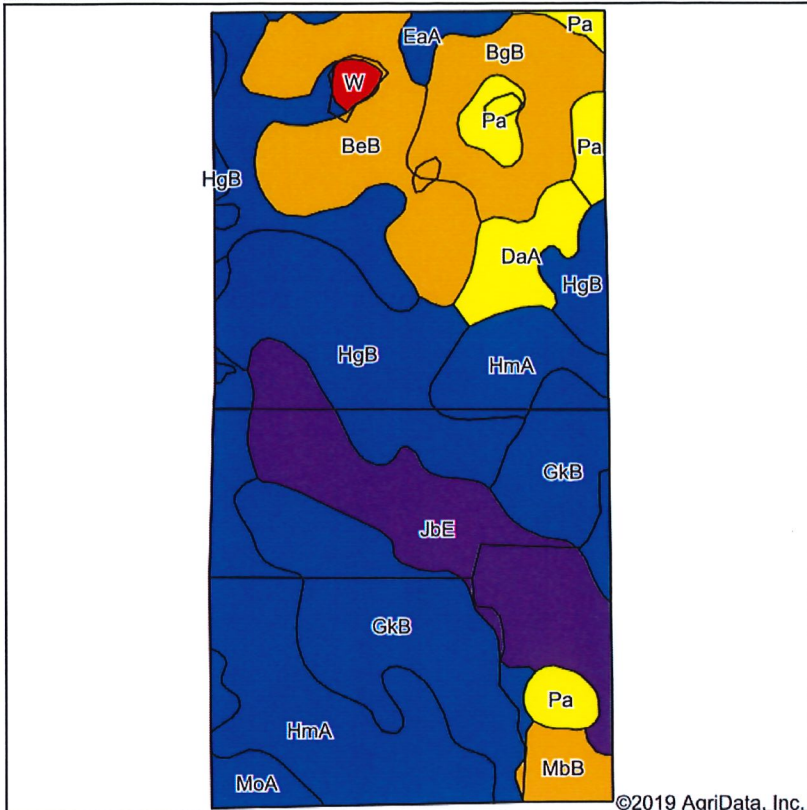


# Soils Map



State: **South Dakota**  
 County: **Brule**  
 Location: **14-101N-69W**  
 Township: **Eagle**  
 Acres: **307.9**  
 Date: **12/26/2019**



Soils data provided by USDA and NRCS.

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Area Symbol: SD603, Soil Area Version: 23









| Code | Soil Description                                    | Acres | Percent of field | Non-Irr Class Legend | Non-Irr Class *c | Irr Class *c | Productivity Index | Alfalfa hay | Brome grass alfalfa | Corn | Flax | Grain sorghum | Oats | Spring wheat | Winter wheat | *n NCCPI Soybeans |
|------|---|-------|------------------|----------------------|------------------|--------------|--------------------|-------------|---------------------|------|------|---------------|------|--------------|--------------|-------------------|
| GkB  | Glenham-Java-Prosper loams, 1 to 6 percent slopes   | 54.63 | 17.7%            |                      | Ile              |              | 77                 |             |                     |      |      |               |      |              |              | 53                |
| HmA  | Highmore-Mobridge silt loams, 0 to 4 percent slopes | 54.38 | 17.7%            |                      | Ilc              |              | 87                 | 2           | 3.3                 | 51   |      | 55            | 61   | 25           | 35           | 62                |
| HgB  | Highmore-Java complex, 1 to 5 percent slopes        | 43.09 | 14.0%            |                      | Ile              |              | 76                 | 2.7         | 4.5                 | 53   |      | 57            | 61   |              | 33           | 54                |
| JbE  | Java-Betts loams, 9 to 20 percent slopes            | 41.61 | 13.5%            |                      | Vle              |              | 17                 |             |                     |      |      |               |      |              |              | 42                |
| BeB  | Beadle loam, 2 to 6 percent slopes                  | 32.66 | 10.6%            |                      | Ille             |              | 67                 |             |                     |      |      |               |      |              |              | 59                |

Soils data provided by USDA and NRCS.

Maps Provided By



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| Code                    | Soil Description                                       | Acres | Percent of field | Non-Irr Class Legend   | Non-Irr Class *c | Irr Class *c | Productivity Index | Alfalfa hay | Bromegrass alfalfa | Corn        | Flax       | Grain sorghum | Oats        | Spring wheat | Winter wheat | *n NCCPI Soybeans |
|-------------------------|--|-------|------------------|--|------------------|--------------|--------------------|-------------|--------------------|-------------|------------|---------------|-------------|--------------|--------------|-------------------|
| BgB                     | Beadle-Jerauld complex, 1 to 5 percent slopes          | 22.95 | 7.5%             |   | Ille             |              | 54                 | 2.8         | 4.7                | 48          | 17         | 48            | 55          | 29           |              | 37                |
| Mp                      | Mobridge-Plankinton silt loams                         | 18.68 | 6.1%             |   | Ilc              |              | 86                 | 3           | 5                  | 64          |            | 70            | 70          | 33           | 45           | 45                |
| Pa                      | Plankinton silt loam                                   | 12.31 | 4.0%             |   | IVw              |              | 54                 |             |                    | 22          |            | 15            | 22          |              |              | 13                |
| DaA                     | DeGrey-Eakin-Jerauld silt loams, 0 to 2 percent slopes | 9.72  | 3.2%             |   | IVs              |              | 58                 | 1.3         | 2.2                | 26          |            | 29            | 32          | 16           |              | 43                |
| MbB                     | Millboro silty clay, 3 to 6 percent slopes             | 5.96  | 1.9%             |   | Ille             | Ille         | 79                 |             |                    |             |            |               |             |              |              | 28                |
| MoA                     | Mobridge silt loam, 0 to 2 percent slopes              | 5.93  | 1.9%             |   | Ilc              |              | 94                 |             |                    |             |            |               |             |              |              | 62                |
| EaA                     | Eakin-DeGrey silt loams, 0 to 2 percent slopes         | 4.17  | 1.4%             |   | Ilc              |              | 70                 |             |                    |             |            |               |             |              |              | 54                |
| W                       | Water  | 1.81  | 0.6%             |  | VIII             |              | 0                  |             |                    |             |            |               |             |              |              | 0                 |
| <b>Weighted Average</b> |  |       |                  |  |                  |              | <b>66.6</b>        | <b>1.2</b>  | <b>1.9</b>         | <b>25.6</b> | <b>1.3</b> | <b>27</b>     | <b>29.5</b> | <b>9.1</b>   | <b>13.5</b>  | <b>*n 49.7</b>    |

\*n: The aggregation method is "Weighted Average using major components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method