

# Forage Suitability Groups (MN)

Brown County, Minnesota

[Absence of an entry indicates that a forage suitability group was not assigned]

| Map symbol and soil name | Pct. of map unit | Land resource unit | Forage suitability group number |
|--------------------------|------------------|--------------------|---------------------------------|
| 8B:                      |                  |                    |                                 |
| Sparta                   | 90               | S                  | 22                              |
| Dickman                  | 5                | ---                | ---                             |
| Hanska                   | 5                | ---                | ---                             |
| 8C:                      |                  |                    |                                 |
| Sparta                   | 90               | S                  | 22                              |
| Terril                   | 10               | ---                | ---                             |
| 27A:                     |                  |                    |                                 |
| Dickinson                | 90               | S                  | 02                              |
| Darfur                   | 5                | ---                | ---                             |
| Hoopeston                | 5                | ---                | ---                             |
| 27B:                     |                  |                    |                                 |
| Dickinson                | 85               | S                  | 02                              |
| Darfur                   | 10               | ---                | ---                             |
| Hoopeston                | 5                | ---                | ---                             |
| 31E:                     |                  |                    |                                 |
| Storden                  | 80               | S                  | 17                              |
| Clarion                  | 10               | ---                | ---                             |
| Delft                    | 5                | ---                | ---                             |
| Terril                   | 5                | ---                | ---                             |
| 31F:                     |                  |                    |                                 |
| Storden                  | 80               | S                  | 24                              |
| Clarion                  | 10               | ---                | ---                             |
| Delft                    | 5                | ---                | ---                             |
| Terril                   | 5                | ---                | ---                             |

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|--------------------------------|---------------------|--------------------------|---------------------------------------|
| 35:                            |                     |                          |                                       |
| Blue Earth                     | 85                  | S                        | 13                                    |
| Canisteo                       | 10                  | ---                      | ---                                   |
| Essexville                     | 5                   | ---                      | ---                                   |
| 41A:                           |                     |                          |                                       |
| Estherville                    | 90                  | S                        | 22                                    |
| Hanska                         | 4                   | ---                      | ---                                   |
| Lemond                         | 3                   | ---                      | ---                                   |
| Linder                         | 3                   | ---                      | ---                                   |
| 41B:                           |                     |                          |                                       |
| Estherville                    | 90                  | S                        | 22                                    |
| Hanska                         | 4                   | ---                      | ---                                   |
| Lemond                         | 3                   | ---                      | ---                                   |
| Linder                         | 3                   | ---                      | ---                                   |
| 85:                            |                     |                          |                                       |
| Calco, occasionally<br>flooded | 90                  | S                        | 09                                    |
| Nishna                         | 5                   | ---                      | ---                                   |
| Oshawa                         | 5                   | ---                      | ---                                   |
| 86:                            |                     |                          |                                       |
| Canisteo                       | 80                  | S                        | 09                                    |
| Glencoe                        | 5                   | ---                      | ---                                   |
| Normania                       | 5                   | ---                      | ---                                   |
| Okoboji                        | 5                   | ---                      | ---                                   |
| Seaforth                       | 5                   | ---                      | ---                                   |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 94B:                        |                     |                          |                                       |
| Terril                      | 90                  | S                        | 02                                    |
| Clarion                     | 4                   | ---                      | ---                                   |
| Delft                       | 3                   | ---                      | ---                                   |
| Ves                         | 3                   | ---                      | ---                                   |
| 94C:                        |                     |                          |                                       |
| Terril                      | 85                  | S                        | 02                                    |
| Clarion                     | 5                   | ---                      | ---                                   |
| Delft                       | 5                   | ---                      | ---                                   |
| Ves                         | 5                   | ---                      | ---                                   |
| 102B:                       |                     |                          |                                       |
| Clarion                     | 85                  | S                        | 02                                    |
| Storden                     | 10                  | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 102B2:                      |                     |                          |                                       |
| Clarion, eroded             | 80                  | S                        | 02                                    |
| Storden                     | 10                  | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 113:                        |                     |                          |                                       |
| Webster                     | 85                  | S                        | 01                                    |
| Glencoe                     | 5                   | ---                      | ---                                   |
| Nicollet                    | 5                   | ---                      | ---                                   |
| Seaforth                    | 5                   | ---                      | ---                                   |
| 114:                        |                     |                          |                                       |
| Glencoe                     | 85                  | S                        | 13                                    |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 114:                        |                     |                          |                                       |
| Palms                       | 10                  | ---                      | ---                                   |
| Blue Earth                  | 5                   | ---                      | ---                                   |
| 128B:                       |                     |                          |                                       |
| Grogan                      | 80                  | S                        | 02                                    |
| Clarion                     | 10                  | ---                      | ---                                   |
| Darfur                      | 5                   | ---                      | ---                                   |
| Madelia                     | 5                   | ---                      | ---                                   |
| 130:                        |                     |                          |                                       |
| Nicollet                    | 85                  | S                        | 02                                    |
| Canisteo                    | 5                   | ---                      | ---                                   |
| Storden                     | 5                   | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 136:                        |                     |                          |                                       |
| Madelia                     | 90                  | S                        | 01                                    |
| Lemond                      | 5                   | ---                      | ---                                   |
| Tilfer                      | 5                   | ---                      | ---                                   |
| 140:                        |                     |                          |                                       |
| Spicer                      | 90                  | S                        | 09                                    |
| Lemond                      | 10                  | ---                      | ---                                   |
| 227:                        |                     |                          |                                       |
| Lemond                      | 90                  | S                        | 09                                    |
| Dickman                     | 5                   | ---                      | ---                                   |
| Hanska                      | 5                   | ---                      | ---                                   |
| 247:                        |                     |                          |                                       |
| Linder                      | 90                  | S                        | 02                                    |

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|-------------------------------------|---------------------|--------------------------|---------------------------------------|
| 247:                                |                     |                          |                                       |
| Estherville                         | 4                   | ---                      | ---                                   |
| Hanska                              | 3                   | ---                      | ---                                   |
| Lemond                              | 3                   | ---                      | ---                                   |
| 269:                                |                     |                          |                                       |
| Millington, occasionally<br>flooded | 85                  | S                        | 09                                    |
| Oshawa                              | 10                  | ---                      | ---                                   |
| Spillville                          | 5                   | ---                      | ---                                   |
| 281:                                |                     |                          |                                       |
| Darfur                              | 90                  | S                        | 01                                    |
| Hoopeston                           | 10                  | ---                      | ---                                   |
| 282:                                |                     |                          |                                       |
| Hanska                              | 90                  | S                        | 01                                    |
| Dickman                             | 10                  | ---                      | ---                                   |
| 313:                                |                     |                          |                                       |
| Spillville, occasionally<br>flooded | 90                  | S                        | 02                                    |
| Coland                              | 10                  | ---                      | ---                                   |
| 317:                                |                     |                          |                                       |
| Oshawa, frequently<br>flooded       | 80                  | S                        | 16                                    |
| Calco                               | 10                  | ---                      | ---                                   |
| Millington                          | 10                  | ---                      | ---                                   |
| 327A:                               |                     |                          |                                       |
| Dickman                             | 90                  | S                        | 22                                    |
| Hanska                              | 10                  | ---                      | ---                                   |

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| Map symbol<br>and soil name        | Pct. of map<br>unit | Land<br>resource<br>unit | Forage<br>suitability<br>group number |
|------------------------------------|---------------------|--------------------------|---------------------------------------|
| 327B:                              |                     |                          |                                       |
| Dickman                            | 90                  | S                        | 22                                    |
| Hanska                             | 5                   | ---                      | ---                                   |
| Lemond                             | 5                   | ---                      | ---                                   |
| 336:                               |                     |                          |                                       |
| Delft                              | 90                  | S                        | 01                                    |
| Terril                             | 10                  | ---                      | ---                                   |
| 386:                               |                     |                          |                                       |
| Okoboji                            | 85                  | S                        | 13                                    |
| Blue Earth                         | 10                  | ---                      | ---                                   |
| Canisteo                           | 5                   | ---                      | ---                                   |
| 421B:                              |                     |                          |                                       |
| Ves                                | 85                  | S                        | 02                                    |
| Webster                            | 15                  | ---                      | ---                                   |
| 421B2:                             |                     |                          |                                       |
| Ves, eroded                        | 80                  | S                        | 02                                    |
| Terril                             | 10                  | ---                      | ---                                   |
| Webster                            | 10                  | ---                      | ---                                   |
| 423:                               |                     |                          |                                       |
| Seaforth                           | 90                  | S                        | 10                                    |
| Canisteo                           | 5                   | ---                      | ---                                   |
| Webster                            | 5                   | ---                      | ---                                   |
| 463:                               |                     |                          |                                       |
| Minneiska, occasionally<br>flooded | 90                  | S                        | 10                                    |
| Oshawa                             | 10                  | ---                      | ---                                   |

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|---------------------------------|---------------------|--------------------------|---------------------------------------|
| 487:                            |                     |                          |                                       |
| Hoopeston                       | 85                  | S                        | 05                                    |
| Darfur                          | 10                  | ---                      | ---                                   |
| Dickinson                       | 5                   | ---                      | ---                                   |
| 495:                            |                     |                          |                                       |
| Zumbro, rarely flooded          | 90                  | S                        | 04                                    |
| Minneiska                       | 10                  | ---                      | ---                                   |
| 499:                            |                     |                          |                                       |
| Hanska, depressional            | 90                  | S                        | 13                                    |
| Blue Earth                      | 10                  | ---                      | ---                                   |
| 518:                            |                     |                          |                                       |
| Kalmarville, frequently flooded | 90                  | S                        | 01                                    |
| Coland                          | 5                   | ---                      | ---                                   |
| Millington                      | 5                   | ---                      | ---                                   |
| 574:                            |                     |                          |                                       |
| Du Page, occasionally flooded   | 90                  | S                        | 02                                    |
| Minneiska                       | 5                   | ---                      | ---                                   |
| Nishna                          | 5                   | ---                      | ---                                   |
| 575:                            |                     |                          |                                       |
| Nishna, occasionally flooded    | 90                  | S                        | 09                                    |
| Du Page                         | 10                  | ---                      | ---                                   |
| 603:                            |                     |                          |                                       |
| Hanlon, occasionally flooded    | 90                  | S                        | 02                                    |
| Coland                          | 10                  | ---                      | ---                                   |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 611B:                       |                     |                          |                                       |
| Hawick                      | 90                  | S                        | 22                                    |
| Linder                      | 10                  | ---                      | ---                                   |
| 611C:                       |                     |                          |                                       |
| Hawick                      | 90                  | S                        | 22                                    |
| Linder                      | 5                   | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 639:                        |                     |                          |                                       |
| Ridgeport                   | 90                  | S                        | 22                                    |
| Hanska                      | 5                   | ---                      | ---                                   |
| Linder                      | 5                   | ---                      | ---                                   |
| 820B:                       |                     |                          |                                       |
| Dickman                     | 50                  | S                        | 22                                    |
| Clarion                     | 40                  | S                        | 02                                    |
| Nicollet                    | 4                   | ---                      | ---                                   |
| Terril                      | 3                   | ---                      | ---                                   |
| Webster                     | 3                   | ---                      | ---                                   |
| 919:                        |                     |                          |                                       |
| Lemond                      | 60                  | S                        | 09                                    |
| Canisteo                    | 35                  | S                        | 09                                    |
| Hanska                      | 3                   | ---                      | ---                                   |
| Linder                      | 2                   | ---                      | ---                                   |
| 920B:                       |                     |                          |                                       |
| Clarion                     | 50                  | S                        | 02                                    |
| Estherville                 | 25                  | S                        | 22                                    |
| Storden                     | 15                  | S                        | 10                                    |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 920B:                       |                     |                          |                                       |
| Nicollet                    | 5                   | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 920C:                       |                     |                          |                                       |
| Clarion                     | 40                  | S                        | 02                                    |
| Estherville                 | 25                  | S                        | 22                                    |
| Storden                     | 20                  | S                        | 10                                    |
| Delft                       | 5                   | ---                      | ---                                   |
| Nicollet                    | 5                   | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 921B2:                      |                     |                          |                                       |
| Clarion, eroded             | 60                  | S                        | 02                                    |
| Storden, eroded             | 25                  | S                        | 10                                    |
| Delft                       | 5                   | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 921C2:                      |                     |                          |                                       |
| Clarion, eroded             | 50                  | S                        | 02                                    |
| Storden, eroded             | 35                  | S                        | 10                                    |
| Delft                       | 5                   | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| Webster                     | 5                   | ---                      | ---                                   |
| 923E:                       |                     |                          |                                       |
| Copaston                    | 60                  | S                        | 19                                    |
| Rock outcrop                | 25                  | S                        | 24                                    |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 923E:                       |                     |                          |                                       |
| Ves                         | 10                  | ---                      | ---                                   |
| Tilfer                      | 5                   | ---                      | ---                                   |
| 929:                        |                     |                          |                                       |
| Fieldon                     | 50                  | S                        | 09                                    |
| Canisteo                    | 35                  | S                        | 09                                    |
| Lemond                      | 5                   | ---                      | ---                                   |
| Nicollet                    | 5                   | ---                      | ---                                   |
| Spicer                      | 5                   | ---                      | ---                                   |
| 946:                        |                     |                          |                                       |
| Dickman                     | 45                  | S                        | 08                                    |
| Nicollet                    | 40                  | S                        | 02                                    |
| 954B2:                      |                     |                          |                                       |
| Ves, eroded                 | 65                  | S                        | 02                                    |
| Storden, eroded             | 25                  | S                        | 10                                    |
| Webster                     | 7                   | ---                      | ---                                   |
| Terril                      | 3                   | ---                      | ---                                   |
| 954C2:                      |                     |                          |                                       |
| Ves, eroded                 | 45                  | S                        | 02                                    |
| Storden, eroded             | 40                  | S                        | 10                                    |
| Delft                       | 10                  | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 954D2:                      |                     |                          |                                       |
| Storden, eroded             | 60                  | S                        | 23                                    |
| Ves, eroded                 | 25                  | S                        | 23                                    |
| Delft                       | 10                  | ---                      | ---                                   |

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|-----------------------------|---------------------|--------------------------|---------------------------------------|
| 954D2:<br>Terril            | 5                   | ---                      | ---                                   |
| 960D2:<br>Storden, eroded   | 60                  | S                        | 23                                    |
| Clarion, eroded             | 25                  | S                        | 23                                    |
| Delft                       | 10                  | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 968:<br>Hanska              | 50                  | S                        | 01                                    |
| Webster                     | 40                  | S                        | 01                                    |
| Dickman                     | 5                   | ---                      | ---                                   |
| Glencoe                     | 5                   | ---                      | ---                                   |
| 999B:<br>Ves                | 45                  | S                        | 02                                    |
| Estherville                 | 20                  | S                        | 10                                    |
| Storden                     | 20                  | S                        | 22                                    |
| Webster                     | 10                  | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 999C:<br>Ves                | 35                  | S                        | 02                                    |
| Estherville                 | 25                  | S                        | 10                                    |
| Storden                     | 25                  | S                        | 22                                    |
| Delft                       | 10                  | ---                      | ---                                   |
| Terril                      | 5                   | ---                      | ---                                   |
| 999D:<br>Storden            | 35                  | S                        | 23                                    |

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|-------------------------------|---------------------|--------------------------|---------------------------------------|
| 999D:                         |                     |                          |                                       |
| Hawick                        | 25                  | S                        | 22                                    |
| Ves                           | 25                  | S                        | 23                                    |
| Delft                         | 10                  | ---                      | ---                                   |
| Terril                        | 5                   | ---                      | ---                                   |
| 999F:                         |                     |                          |                                       |
| Storden                       | 55                  | S                        | 24                                    |
| Hawick                        | 30                  | S                        | 24                                    |
| Sparta                        | 10                  | ---                      | ---                                   |
| Terril                        | 5                   | ---                      | ---                                   |
| 1016:                         |                     |                          |                                       |
| Udorthents, loamy             | 100                 | ---                      | ---                                   |
| 1027:                         |                     |                          |                                       |
| Udorthents, wet<br>substratum | 100                 | ---                      | ---                                   |
| 1029:                         |                     |                          |                                       |
| Pits, gravel                  | 100                 | S                        | 24                                    |
| 1052:                         |                     |                          |                                       |
| Okoboji, ponded               | 50                  | S                        | 24                                    |
| Palms, ponded                 | 50                  | S                        | 24                                    |
| 1356:                         |                     |                          |                                       |
| Water, miscellaneous          | 100                 | ---                      | ---                                   |
| 1829B:                        |                     |                          |                                       |
| Ridgeport, variant            | 85                  | S                        | 22                                    |
| Estherville                   | 5                   | ---                      | ---                                   |
| Linder                        | 5                   | ---                      | ---                                   |
| Tilfer                        | 5                   | ---                      | ---                                   |

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|--|---------------------|--------------------------|---------------------------------------|
| 1829C:   |                     |                          |                                       |
| Ridgeport, variant                                       | 90                  | S                        | 22                                    |
| Estherville  | 5                   | ---                      | ---                                   |
| Tilfer   | 5                   | ---                      | ---                                   |
| 1833:  |                     |                          |                                       |
| Coland, occasionally<br>flooded                          | 90                  | S                        | 01                                    |
| Hanlon   | 4                   | ---                      | ---                                   |
| Kalmarville  | 3                   | ---                      | ---                                   |
| Spillville   | 3                   | ---                      | ---                                   |
| 1887:  |                     |                          |                                       |
| Millington, sandy<br>substratum, occasionally<br>flooded | 85                  | S                        | 09                                    |
| Spillville   | 15                  | ---                      | ---                                   |
| 1909:  |                     |                          |                                       |
| Lemond, depressional                                     | 90                  | S                        | 13                                    |
| Blue Earth   | 10                  | ---                      | ---                                   |
| 1911F:   |                     |                          |                                       |
| Storden  | 60                  | S                        | 24                                    |
| Ridgeport, variant                                       | 25                  | S                        | 24                                    |
| Hawick   | 5                   | ---                      | ---                                   |
| Sparta   | 5                   | ---                      | ---                                   |
| Terril   | 5                   | ---                      | ---                                   |
| 1912:  |                     |                          |                                       |
| Tilfer, variant  | 85                  | S                        | 09                                    |
| Lemond   | 15                  | ---                      | ---                                   |

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|---------------------------------------|---------------------|--------------------------|---------------------------------------|
| 1917:                                 |                     |                          |                                       |
| Nishna, frequently<br>flooded, ponded | 85                  | S                        | 16                                    |
| Colo                                  | 15                  | ---                      | ---                                   |
| 1919F:                                |                     |                          |                                       |
|                                       |                     | ---                      | ---                                   |
| 1928:                                 |                     |                          |                                       |
| Hanska, gravelly<br>substratum        | 90                  | S                        | 01                                    |
| Linder                                | 10                  | ---                      | ---                                   |
| 1929:                                 |                     |                          |                                       |
| Lemond, gravelly<br>substratum        | 90                  | S                        | 09                                    |
| Hanska                                | 5                   | ---                      | ---                                   |
| Linder                                | 5                   | ---                      | ---                                   |
| 1930:                                 |                     |                          |                                       |
| Dickman, moderately wet               | 90                  | S                        | 08                                    |
| Hanska                                | 10                  | ---                      | ---                                   |
| 1931:                                 |                     |                          |                                       |
| Essexville                            | 90                  | S                        | 09                                    |
| Canisteo                              | 4                   | ---                      | ---                                   |
| Lemond                                | 3                   | ---                      | ---                                   |
| Webster                               | 3                   | ---                      | ---                                   |
| L13A:                                 |                     |                          |                                       |
| Klossner, drained                     | 80                  | S                        | 14                                    |
| L83A:                                 |                     |                          |                                       |
| Webster                               | 65                  | S                        | 01                                    |
| L84A:                                 |                     |                          |                                       |
| Glencoe, depressional                 | 80                  | S                        | 13                                    |

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|---------------------------------|---------------------|--------------------------|---------------------------------------|
| L85A:<br>Nicollet               | 85                  | S                        | 02                                    |
| L163A:<br>Okoboji, depressional | 92                  | S                        | 13                                    |
| L201A:<br>Normania              | 85                  | S                        | 02                                    |
| W:<br>Water                     | 100                 | ---                      | ---                                   |