## Dassel Soybean

Dassel was developed by the Minnesota Agricultural Experiment Station and is an F5 plant selection from the cross Evans x M66-18. It was released in 1986.

Dassel is a Group O maturity about four days later than Evans and three days earlier than Hodgson 78, giving it a relative maturity rating of about 95. It was tested under the designation M75-25. It has purple flowers, gray pubescence and tawny pods at maturity. Seeds have dull yellow coats with yellow hila. This variety carries the Rps6 gene for resistance to Phytophthora, conferring resistance to races 1-4, 10, 12, 14-16, and 18-21. Its Phytophthora resistance is a major attribute. In 33 uniform test environments over the four-year period 1982-1985, Dassel yielded 0.5 bu/A more than Evans and 0.3 bu/A less than Hodgson 78. It averaged 0.1 score less lodging than Evans, 0.4 less than Hodgson 78, and was 2 inches shorter than Evans and 6 inches shorter than Hodgson 78.

This variety is protected through U.S. Plant Variety Protection. Seed was increased by Foundation seed organizations in 1986 and will be distributed to Certified seed producers in 1987. Wisconsin Certified Seed should be available for farm planting in 1988.

| Yield   Maturity   Size   Lodging   Protein   Oil   Height   (hu/A)   (Date)   (Q/100)   (Score)   (%)   (%)   (%)   (in)   (in)   |  |             |              | Seed       |               |               |           |            |  |
|--|--|-------------|--------------|------------|---------------|---------------|-----------|------------|--|
| The first   Charles   Ch   |  | Yield       | Maturity     | Size       | Lodging       | Protein       | Oil       | Height     |  |
| McCall (00)         32.0         9-10         14.6         1.4         39.4         19.6         26           Dawson         38.6         9-21         15.4         1.7         39.4         20.2         30           Evans         37.8         9-21         16.0         1.6         39.6         20.6         31           Dassel         38.3         9-25         16.8         1.5         40.3         19.8         29           Hodgson 78 (I)         38.6         9-28         16.6         1.9         39.4         19.9         35           1984-1986 3-Year Mean.         Spooner, Wisconsin           McCall         24.6         9-14         16.2         1.8         39.8         19.8         25           Dawson         30.8         9-18         15.9         1.7         39.9         20.0         29           Evans         26.7         9-21         17.1         1.9         40.7*         20.7*         31           Dassel         30.1         9.19         17.9         1.7         41.3*         20.3*         28           Hodgson 78         32.0         9-24         16.9         1.9         40.8         19.5 </td <td>Entry</td> <td>(bu/A)</td> <td>(Date)</td> <td>(9/100)</td> <td>(Score)</td> <td>(%)</td> <td>(%)</td> <td></td>  | Entry  | (bu/A)      | (Date)       | (9/100)    | (Score)       | (%)           | (%)       |            |  |
| McCall (00)         32.0         9-10         14.6         1.4         39.4         19.6         26           Dawson         38.6         9-21         15.4         1.7         39.4         20.2         30           Evans         37.8         9-21         16.0         1.6         39.6         20.6         31           Dassel         38.3         9-25         16.8         1.5         40.3         19.8         29           Hodgson 78 (I)         38.6         9-28         16.6         1.9         39.4         19.9         35           1984-1986 3-Year Mean.         Spooner, Wisconsin           McCall         24.6         9-14         16.2         1.8         39.8         19.8         25           Dawson         30.8         9-18         15.9         1.7         39.9         20.0         29           Evans         26.7         9-21         17.1         1.9         40.7*         20.7*         31           Dassel         30.1         9.19         17.9         1.7         41.3*         20.3*         28           Hodgson 78         32.0         9-24         16.9         1.9         40.8         19.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |  |             |              |            |               |               |           |            |  |
| Dawson 38.6 9-21 15.4 1.7 39.4 20.2 30 Evans 37.8 9-21 16.0 1.6 39.6 20.6 31 Dassel 38.3 9-25 16.8 1.5 40.3 19.8 29 Hodgson 78 (I) 38.6 9-28 16.6 1.9 39.4 19.9 35   | To have been all the second of |             |              |            |               |               |           |            |  |
| Evans 37.8 9-21 16.0 1.6 39.6 20.6 31 Dassel 38.3 9-25 16.8 1.5 40.3 19.8 29 Hodgson 78 (I) 38.6 9-28 16.6 1.9 39.4 19.9 35    1984-1986 3-Year Mean. Spooner, Wisconsin   |  |             |              |            | 1.4           | 39.4          | 19.6      | 26         |  |
| Dassel 38.3 9-25 16.8 1.5 40.3 19.8 29 Hodgson 78 (I) 38.6 9-28 16.6 1.9 39.4 19.9 35    1984-1986 3-Year Mean. Spooner, Wisconsin   |  |             | 9-21         | 15.4       | 1.7           | 39.4          | 20.2      | 30         |  |
| Hodgson 78 (I) 38.6   9-28   16.6   1.9   39.4   19.9   35   |  |             | 9-21         | 16.0       | 1.6           | 39.6          | 20.6      | 31         |  |
| 1984-1986 3-Year Mean.   Spooner, Wisconsin   McCall   24.6   9-14   16.2   1.8   39.8   19.8   25   25   24.6   9-18   15.9   1.7   39.9   20.0   29   29   29   29   29   29   20   29   20   29   20   29   20   29   20   29   20   20   |  |             |              | 16.8       | 1.5           | 40.3          | 19.8      | 29         |  |
| McCall         24.6         9-14         16.2         1.8         39.8         19.8         25           Dawson         30.8         9-18         15.9         1.7         39.9         20.0         29           Evans         26.7         9-21         17.1         1.9         40.7*         20.7*         31           Dassel         30.1         9.19         17.9         1.7         41.3*         20.3*         28           Hodgson 78         32.0         9-24         16.9         1.9         40.8         19.5         34           *2 yr (84-85)         *2         yr (84-85)         *2         yr (84-85)         *2         yr (84-85)           1986 Wisconsin Southern         Tests         (Arlington wide & narrow, Janesville and Racine narrow rows)         31         31         32         34         32         34         34         32         34         34         34         34         34         32         34         34         32         34         32         34         32         34         32         34         32         34         32         34         32         34         34         32         34         32         34         34   | Hodgson 78 (I)   | 38.6        | 9-28         | 16.6       | 1.9           | 39.4          | 19.9      | 35         |  |
| Dawson       30.8       9-18       15.9       1.7       39.9       20.0       29         Evans       26.7       9-21       17.1       1.9       40.7*       20.7*       31         Dassel       30.1       9.19       17.9       1.7       41.3*       20.3*       28         Hodgson 78       32.0       9-24       16.9       1.9       40.8       19.5       34         *2 yr (84-85)         1986 Wisconsin Southern Tests       (Arlington wide & narrow, Janesville and Racine narrow rows)         Ozzie       39.8       9-8       1.3       31         Evans       39.3       9-10       2.2       34         Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests       (Galesville wide & narrow, Durand and Oshkosh narrow rows)       0zzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)       38         Eva   |  |             |              |            |               |               |           |            |  |
| Evans 26.7 9-21 17.1 1.9 40.7* 20.7* 31  Dassel 30.1 9.19 17.9 1.7 41.3* 20.3* 28  Hodgson 78 32.0 9-24 16.9 1.9 40.8 19.5 34  **2 yr (84-85)*  1986 Wisconsin Southern Tests (Arlington wide & narrow, Janesville and Racine narrow rows)  Ozzie 39.8 9-8 1.3  Evans 39.3 9-10 2.2 34  Dassel 41.4 9-20 1.6 32  Hodgson 78 40.2 9-17 2.9 38  1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)  Ozzie 49.5 9-11 2.2 37  Evans 46.6 9-9 3.0 41  Dassel 49.9 9-23 3.1 37  Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)  Ozzie 54.2 9-14 1.9 38  Evans 49.8 9-11 2.8 40  Dassel 49.8 9-11 2.8 38  Hodgson 78 44.8 9-19 2.3 37   | McCall   | 24.6        | 9-14         | 16.2       | 1.8           | 39.8          | 19.8      | 25         |  |
| Evans 26.7 9-21 17.1 1.9 40.7* 20.7* 31 Dassel 30.1 9.19 17.9 1.7 41.3* 20.3* 28 Hodgson 78 32.0 9-24 16.9 1.9 40.8 19.5 34  **2 yr (84-85)*  1986 Wisconsin Southern Tests (Arlington wide & narrow, Janesville and Racine narrow rows) Ozzie 39.8 9-8 1.3 31 Evans 39.3 9-10 2.2 34 Dassel 41.4 9-20 1.6 32 Hodgson 78 40.2 9-17 2.9 38  1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows) Ozzie 49.5 9-11 2.2 37 Evans 46.6 9-9 3.0 41 Dassel 49.9 9-23 3.1 37 Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows) Ozzie 54.2 9-14 1.9 38 Evans 49.8 9-11 2.8 40 Dassel 49.8 9-11 2.8 37 Hodgson 78 43.6 9-19 2.3 37  | Dawson   | 30.8        | 9-18         | 15.9       | 1.7           | 39.9          | 20.0      | 29         |  |
| Dassel       30.1       9.19       17.9       1.7       41.3*       20.3*       28         Hodgson 78       32.0       9-24       16.9       1.9       40.8       19.5       34         *2 yr (84-85)         1986 Wisconsin Southern Tests       (Arlington wide & narrow, Janesville and Racine narrow rows)         Ozzie       39.8       9-8       1.3       31         Evans       39.3       9-10       2.2       34         Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)         Ozzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)         Ozzie       54.2       9-14       1.9       38         Evans       49.8       9-11       2.8       40         Dass   | Evans  | 26.7        | 9-21         | 17.1       | 1.9           | 40.7*         | 20.7*     |            |  |
| *2 yr (84-85)  *2 yr (84-85)  *2 yr (84-85)  *2 yr (84-85)  *3 yr (84-85)  *2 yr (84-85)  *3 yr (84-85)  *4 yr (84-85)  *5 yr (84-85)  *5 yr (84-85)  *6 wisconsin Southern Tests (Arlington wide & narrow, Janesville and Racine narrow rows)  31  Evans 39.8 9-8 1.3 31  31  Evans 39.3 9-10 2.2 34  Dassel 41.4 9-20 1.6 32  Hodgson 78 40.2 9-17 2.9 38  *6 wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)  *6 vans 46.6 9-9 3.0 41  Dassel 49.9 9-23 3.1 37  Hodgson 78 53.6 9-26 3.7 43  *7 yr (84-85)  **2 yr (84-85)  **2 yr (84-85)  **3 yr (84-85)  **4 yr (84-85)  **5 yr (84-8 |  | 30.1        | 9.19         | 17.9       | 1.7           | 41.3*         |           |            |  |
| #2 yr (84-85)  1986 Wisconsin Southern Tests (Arlington wide & narrow, Janesville and Racine narrow rows)  Ozzie 39.8 9-8 1.3 31  Evans 39.3 9-10 2.2 34  Dassel 41.4 9-20 1.6 32  Hodgson 78 40.2 9-17 2.9 38  1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)  Ozzie 49.5 9-11 2.2 37  Evans 46.6 9-9 3.0 41  Dassel 49.9 9-23 3.1 37  Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)  Ozzie 54.2 9-14 1.9  Evans 49.8 9-11 2.8  Dassel 49.8 9-11 2.8  Dassel 43.6 9-19 2.3 37  Hodgson 78 43.6 9-19 2.3 37   | Hodgson 78   | 32.0        | 9-24         | 16.9       | 1.9           | 40.8          | 19.5      | 34         |  |
| OZZ1e       39.8       9-8       1.3       31         Evans       39.3       9-10       2.2       34         Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)       37         Ozzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)       38         Ozzie       54.2       9-14       1.9         Evans       49.8       9-11       2.8         Dassel       43.6       9-19       2.3         Hedgson 78       44.8       9-20       2.3   |  |             |              |            |               | *2            | yr (84–8  |            |  |
| OZZ1e       39.8       9-8       1.3       31         Evans       39.3       9-10       2.2       34         Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)       37         Ozzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)       38         Ozzie       54.2       9-14       1.9         Evans       49.8       9-11       2.8         Dassel       43.6       9-19       2.3         Hedgson 78       44.8       9-20       2.3   | 1986 Wisconsin Sc  | outhern Tes | ts (Arlingto | n wide & ı | narrow. Jane  | sville and R  | acine na  | rnow rows) |  |
| Evans       39.3       9-10       2.2       34         Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests       (Galesville wide & narrow, Durand and Oshkosh narrow rows)       0zzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)       38         Ozzie       54.2       9-14       1.9       38         Evans       49.8       9-11       2.8       40         Dassel       43.6       9-19       2.3       37  | Ozzie  | 39.8        | 9-8          |            |               |               |           |            |  |
| Dassel       41.4       9-20       1.6       32         Hodgson 78       40.2       9-17       2.9       38         1986 Wisconsin Central Tests (Galesville wide & narrow, Durand and Oshkosh narrow rows)       0zzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)       38         Evans       49.8       9-14       1.9       38         Evans       49.8       9-11       2.8       40         Dassel       43.6       9-19       2.3       37   | Evans  | 39.3        | 9-10         |            | 2.2           |               |           | 34         |  |
| Hodgson 78   | Dasse1   | 41.4        | 9-20         |            | 1.6           |               |           |            |  |
| Ozzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)         Ozzie       54.2       9-14       1.9       38         Evans       49.8       9-11       2.8       40         Dassel       43.6       9-19       2.3       37         Hodgeon 78       44.8       9-20       32       37   | Hodgson 78   | 40.2        | 9–17         |            | 2.9           |               |           |            |  |
| Ozzie       49.5       9-11       2.2       37         Evans       46.6       9-9       3.0       41         Dassel       49.9       9-23       3.1       37         Hodgson 78       53.6       9-26       3.7       43         1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)         Ozzie       54.2       9-14       1.9       38         Evans       49.8       9-11       2.8       40         Dassel       43.6       9-19       2.3       37         Hodgeon 78       44.8       9-20       32       37   | 1986 Wisconsin C   | entral Tes  | ts (Galesvil | le wide &  | narrow. Dur   | and and Oshko | osh narro | ow rows)   |  |
| Evans 46.6 9-9 3.0 41  Dassel 49.9 9-23 3.1 37  Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)  Ozzie 54.2 9-14 1.9 38  Evans 49.8 9-11 2.8 40  Dassel 43.6 9-19 2.3 37   | Ozzie  | 49.5        | 9-11         |            |               |               | on heart  |            |  |
| Dassel 49.9 9-23 3.1 37 Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows) Ozzie 54.2 9-14 1.9 38 Evans 49.8 9-11 2.8 40 Dassel 43.6 9-19 2.3 37  | Evans  | 46.6        | 9-9          |            | 3.0           |               |           |            |  |
| Hodgson 78 53.6 9-26 3.7 43  1986 Wisconsin Northern Tests (Marshfield wide & narrow, Antigo narrow rows)  Ozzie 54.2 9-14 1.9 38  Evans 49.8 9-11 2.8 40  Dassel 43.6 9-19 2.3 37   | Dassel   | 49.9        | 9-23         |            | 3.1           |               |           |            |  |
| OZZIE     54.2     9-14     1.9     38       Evans     49.8     9-11     2.8     40       Dassel     43.6     9-19     2.3     37       Hodgen     78     44.8     2.2     32  | Hodgson 78   | 53.6        | 9–26         |            |               |               |           |            |  |
| OZZIE     54.2     9-14     1.9     38       Evans     49.8     9-11     2.8     40       Dassel     43.6     9-19     2.3     37       Hodgen     78     44.8     2.2     32  | 1986 Wi  | sconsin No  | rthern Tests | (Marshfie  | eld wide & na | arrow. Antioc | narrow    | rous)      |  |
| Evans 49.8 9-11 2.8 40 Dassel 43.6 9-19 2.3 37   | Ozzie  | 54.2        | 9-14         |            |               | ,,            |           |            |  |
| Dassel 43.6 9–19 2.3   | Evans  | 49.8        | 9-11         |            |               |               |           |            |  |
| Hodoson 70 AA O O OO   | Dassel   | 43.6        | 9-19         |            |               |               |           |            |  |
|  | Hodgson 78   | 44.8        | 9-23         |            |               |               |           |            |  |