

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 0 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.

Entry	Yield (bu/A)	Maturity (Date)	Seed Size (g/100)	Lodging (Score)	Protein (%)	Oil (%)	Height (in)
-------	-----------------	--------------------	-------------------------	--------------------	----------------	------------	----------------

1982-1985 4-Year Mean. Uniform Test 0 - 33 North Central Test Environments							
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	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	43.6	9-19		2.3			37
Hodgson 78	44.8	9-23		3.0			41