

Kato
SOYBEAN SELECTION M81-382 (Yet To Be Named)

M81-382 was developed by the Minnesota Agricultural Experiment Station. Official release is anticipated on February 15, 1989.

M81-382 is a Group I soybean, similar in maturity to Hodgson 78, and 2 to 5 days earlier than Hardin. This gives it a relative maturity rating of 102. M81-382 has purple flowers, tawny pubescence, and dull seeds with black hila. It carries the Rps 1 gene for Phythophthora root rot resistance, specifically, races 1, 2, 10, 11, 13-18 and 24. Standability is excellent.

Plant Variety Protection under the Title V - certification only option has been applied for. Seed of M81-382 was increased by foundation seed organizations in 1988, and will be distributed for certified seed production in 1989. Wisconsin Certified Seed should be available for 1990 planting.

<u>Entry</u>	<u>Maturity</u>	<u>Yield</u>	<u>Lodging</u>	<u>Height</u>
<u>1986-88 3 Year Mean - Uniform I Tests - Arlington</u>				
M81-382	9-25	45	2.1	39
Hodgson 78	9-21	46	2.4	39
Hardin	9-28	50	3.0	41
BSR101	9-30	45	2.6	38
<u>1988 4 Test Mean - Southern Wisconsin Variety Test</u>				
M81-382	9-10	28	1.1	34
Hodgson 78	9-5	33	1.4	35
Hardin	9-9	34	1.4	35
BSR101	9-11	34	1.3	35
<u>1988 3 Test Mean - Central Wisconsin Variety Test</u>				
M81-382	9-16	51	1.2	39
Hodgson 78	9-15	52	2.4	37
Hardin	9-20	52	2.2	41
BSR101	9-16	51	1.9	38
<u>1987 4 Test Men - Southern Wisconsin Variety Test</u>				
M81-382	9-10	59	1.6	35
Hodgson 78	9-10	57	3.2	33
Hardin	9-13	60	3.0	36
BSR-101	9-25	62	3.1	37
<u>1987 4 Test Mean - Central Wisconsin Variety Test</u>				
M81-382	9-18	57	1.8	39
Hodgson 78	9-21	54	2.8	41
Hardin	9-27	60	3.0	41
BSR101	10-1	55	3.6	42