

HARDIN 91 SOYBEANS

HARDIN 91 was developed by the Iowa Agriculture and Home Economics Experiment Station. It is a BC<sub>4</sub>F<sub>3</sub> selection from the cross Hardin(5) x Williams 82. Prior to release, HARDIN 91 was tested as selection A Hardin BC (k).

HARDIN 91 is of Group I maturity, relative maturity 105. It has purple flowers, gray pubescence, brown pods at maturity and dull yellow seeds with yellow hila. HARDIN 91 carries the Phytophthora resistance gene Rps1-k, which confers resistance to races 1-11, 13-15, 17, 18, 22, and 24.

Plant Variety Protection under the title V, certification-only option, has been applied for.

Foundation seed of HARDIN 91 was ~~distributed to Certified Seed Growers in 1991. Wisconsin~~  
~~Certified Seed should be available for farm planting in 1992.~~ *produced increased in 1991.*

<u>Entry</u>	<u>Maturity</u> (Date)	<u>Yield</u> (bu/a)	<u>Lodging</u> <sup>1</sup> (Score)	<u>Height</u> (in)	<u>Protein</u> (%)	<u>Oil</u> (%)
<u>1991 4 Test Mean - Southern Wisconsin Variety Test</u>						
Hardin 91	11-Sep	51	3.1	35	35.3	18.4
Hardin	09-Sep	53	3.1	36	35.2	18.2
Sturdy	14-Sep	55	2.0	33	34.6	18.1
<u>1991 4 Test Mean - Central Wisconsin Variety Test</u>						
Hardin 91	20-Sep	65	3.4	44	35.7	18.0
Hardin	13-Sep	64	3.5	44	35.9	17.8
Sturdy	18-Sep	67	3.2	43	36.0	17.6
<u>1991 4 Test Mean - North-Central Wisconsin Variety Test</u>						
Hardin 91	14-Sep	63	3.0	40	36.6	17.3
Hardin	12-Sep	64	3.1	41	36.1	17.7
Kato	16-Sep	61	2.2	40	37.5	17.2
<u>1989-91 3 Year Mean - Uniform Test I - Arlington</u>						
Hardin 91	24-Sep	51	2.5	38	40.8	20.3
Hardin	23-Sep	46	3.3	37	40.2	20.3
Sturdy	24-Sep	48	2.4	35	40.3	19.8
<u>1990 14 Test Mean - Uniform Test I</u>						
Hardin 91	25-Sep	49	2.3	35	40.4	20.8
Hardin	22-Sep	48	2.2	36	40.8	20.9
Sturdy	27-Sep	54	1.9	36	40.2	21.0

<sup>1</sup>Score 1 (all plants erect); to 5 (all plants flat).

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