



South Dakota 2000 SOYBEAN VARIETIES



Released: September 2000

Introduction

This report summarizes data collected from about 1,000 South Dakota soybean producers by the USDA's South Dakota Agricultural Statistics Service. Thanks to all who supplied data. This project was a joint effort of the Service and the South Dakota State University Agricultural Experiment Station.

The last soybean variety survey was in 1995. Tremendous change has occurred in agriculture since that time. Statewide, soybean acreage has increased from 2.55 million acres in 1995 to 4.3 million acres in 2000. Most of the expansion was in the northern and central sections of the state. In many cases, soybeans have displaced other oilseeds and small grains.

Transgenic soybean varieties became available to producers in 1997. The primary type of transgenic soybeans, Roundup Ready®, are tolerant to glyphosate herbicide. In just a few short years, Roundup Ready® varieties now dominate the varieties being used in South Dakota.

(herbicide tolerant) and the third a conventional variety. Two Asgrow transgenic varieties followed at 4th and 5th.

Private varieties dominate South Dakota's soybean acreage in comparison to public varieties. In 1995, there was nearly 12 percent of the state's soybean crop seeded with public varieties. This year's survey indicated only 2 percent of the total state acreage was planted to public varieties, while the remaining 98 percent consisted of 68 percent transgenic private varieties and 30 percent conventional private varieties.

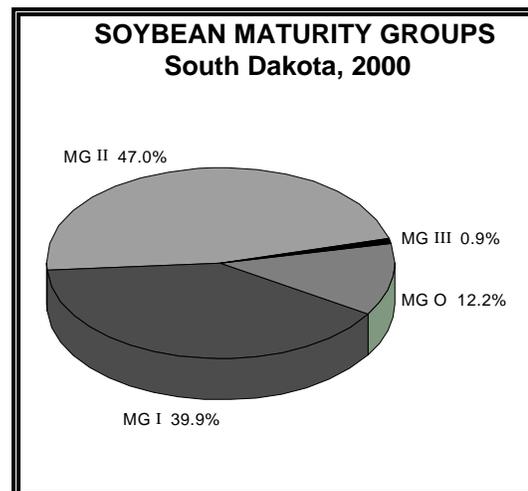
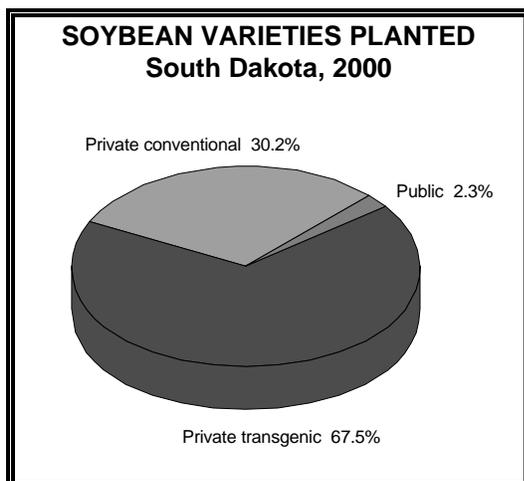
Maturity group distribution has shifted since the 1995 variety survey. Group I maturity varieties have gained a larger share of the state acreage at the expense of group O. Group I currently has 40 percent of the acreage up from 27 percent in 1995. Group O has 12 percent compared to 23 percent five years ago. In South Dakota, maturity

(Continued on Page 4)

Highlights

Pioneer Brand 91B91, 91B52, and 91B01 varieties were the most popular for South Dakota's 2000 soybean crop, seeded to 5.6, 3.4, and 2.9 percent of the total acreage, respectively. The first two varieties are transgenic

This Soybean Variety Survey was requested and partially funded by The South Dakota State University Agricultural Experiment Station.



**LEADING SOYBEAN VARIETIES 1/
South Dakota, 2000**

Brand Name	Variety Name	Herbicide Tolerant	Maturity Group	Acres Planted	Percent of State Total
Pioneer Brand	91B91	Yes	I	240,982	5.6
Pioneer Brand	91B52	Yes	I	145,733	3.4
Pioneer Brand	91B01	No	I	126,105	2.9
Asgrow	AG2101	Yes	II	126,025	2.9
Asgrow	AG2301	Yes	II	118,168	2.7
AgriPro	1702RR	Yes	I	92,574	2.2
Asgrow	A2553	No	II	91,777	2.1
Pioneer Brand	91B64	Yes	I	75,617	1.8
Public variety	Surge	No	O	68,123	1.6
Asgrow	AG2501	Yes	II	66,480	1.5
Prairie Brand	PB-2397RR	Yes	II	62,472	1.5
Pioneer Brand	92B71	Yes	II	59,208	1.4
Pioneer Brand	92B05	Yes	II	58,997	1.4
Pioneer Brand	92B74	Yes	II	55,927	1.3
DeKalb	CX198RR	Yes	I	55,754	1.3
NK Brand	S14-M7RR	Yes	I	51,351	1.2
Pioneer Brand	92B23	No	II	46,305	1.1
Asgrow	AG0901	Yes	O	44,061	1.0
AgriPro	2002RR	Yes	II	44,041	1.0
Pioneer Brand	9233	No	II	43,717	1.0
DeKalb	CX232	No	II	43,485	1.0
Pioneer Brand	92B36	Yes	II	42,476	1.0
DeKalb	CX242RR	Yes	II	40,455	0.9
NK Brand	S22-N2RR	Yes	II	40,236	0.9
Mycogen	5115RR	Yes	I	39,423	0.9
DeKalb	CX085RR	Yes	O	39,014	0.9
Asgrow	AG1901	Yes	I	37,960	0.9
Prairie Brand	PB-2297RR	Yes	II	37,174	0.9
DeKalb	CX262RR	Yes	II	35,389	0.8
Stine	0990-4	Yes	O	33,696	0.8
Pioneer Brand	9071	No	O	33,562	0.8
Pioneer Brand	9163	No	I	32,989	0.8
AgriPro	1080RR	Yes	I	30,878	0.7
Prairie Brand	PB-202	No	II	29,860	0.7
DeKalb	CX150RR	Yes	I	29,425	0.7
Kruger	K-1333	No	I	28,999	0.7
Prairie Brand	PB-1920RR	Yes	I	28,558	0.7
Kruger	K-199RR	Yes	I	27,392	0.6
Legend	LS1996RR	Yes	I	26,996	0.6
Pioneer Brand	93B01	Yes	III	26,315	0.6
Croplan Genetics	RT0933	Yes	O	24,601	0.6
Mustang	M-090RR	Yes	O	23,929	0.6
NK Brand	S14-B2RR	Yes	I	23,756	0.6
Pioneer Brand	91B02	Yes	I	23,608	0.5
Prairie Brand	PB-0920RR	Yes	O	23,520	0.5
Pioneer Brand	91B53	No	I	23,302	0.5
Croplan Genetics	RT1557	Yes	I	23,037	0.5
Stine	1991-4	Yes	I	22,528	0.5
NK Brand	S26-Z6RR	Yes	II	22,080	0.5
Pioneer Brand	9245	No	II	22,017	0.5
Golden Harvest	H-1565RR	Yes	I	21,777	0.5
Dairyland	091RR	Yes	O	21,033	0.5
DeKalb	285RR	Yes	II	20,002	0.5
Mustang	M-151RR	Yes	I	19,476	0.5
Golden Harvest	H-1274RR	Yes	II	19,458	0.5

1/ Varieties with 0.5% or more of the state total.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
South Dakota, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of State Total
Public Varieties			
Surge	O	68,123	1.58
Stride	I	9,035	0.21
Lambert	O	6,352	0.15
Hendricks	O	6,352	0.15
Dawson	O	2,752	0.06
IA 2021	II	1,933	0.04
Hardin	I	1,879	0.04
Parker	I	1,213	0.03
Turner	II	728	0.02
Corsoy/Corsoy 79	II	703	0.02
Total Public Varieties		99,070	2.30

Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of State Total
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Private Varieties – Transgenic (herbicide tolerant)

Maturity Group O			
Asgrow	2	56,733	1.32
DeKalb	1	39,014	0.91
Croplan Genetics	3	33,940	0.79
Stine	1	33,696	0.78
Pioneer Brand	2	31,142	0.72
Total	26	326,223	7.59
Maturity Group I			
Pioneer Brand	4	485,940	11.30
AgriPro	2	123,452	2.87
DeKalb	3	87,663	2.04
NK Brand	2	75,107	1.75
Asgrow	4	63,560	1.48
Total	73	1,238,757	28.81
Maturity Group II			
Asgrow	10	351,621	8.18
Pioneer Brand	9	242,445	5.64
Prairie Brand	5	111,471	2.59
DeKalb	3	95,846	2.23
NK Brand	5	72,576	1.69
Total	116	1,300,772	30.25
Maturity Group III			
Pioneer Brand	2	36,786	0.86
Total	2	36,786	0.86
Total Private Transgenic	217	2,902,538	67.50

Private Varieties –Conventional (not herbicide tolerant)

Maturity Group O			
Pioneer Brand	2	50,998	1.19
NK Brand	1	18,772	0.44
Croplan Genetics	2	14,692	0.34
Kruger	1	12,011	0.28
Dairyland	1	11,073	0.26
Total	11	116,162	2.70
Maturity Group I			
Pioneer Brand	4	187,986	4.37
Mycogen	4	43,187	1.00
AgriPro	3	36,786	0.86
Kruger	2	29,605	0.69
Croplan Genetics	4	16,479	0.38
Total	59	465,306	10.82
Maturity Group II			
Asgrow	6	119,401	2.78
Pioneer Brand	7	118,779	2.76
DeKalb	7	77,809	1.81
Prairie Brand	9	61,203	1.42
Kruger	6	50,043	1.16
Total	111	716,126	16.65
Maturity Group III			
Latham	1	479	0.01
Pioneer Brand	1	319	0.01
Total	2	798	0.02
Total Private Conventional	183	1,298,392	30.20

1/ Derived values based on survey percent.

HIGHLIGHTS (Continued from Page 1)

groups ranged from O to III, with maturity group O adapted to the shortest growing season. This release represents producer-reported varieties that could be validated. Data users should be advised that some reported varieties could not be validated as actual varieties and thus were not included. The numbers in these reported variety names could have been transposed or misreported and therefore could not be validated.

A total of 400 private varieties were tabulated, along with 10 public varieties. Of the 400 private varieties, 217 varieties (54 percent) were classified as herbicide tolerant and were utilized to plant 69 percent of the private varietal acreage, while 183 varieties (46 percent) were classified as conventional, and were used to plant 31 percent of the private varietal acreage.

SOYBEANS, TRANSGENIC VARIETY USAGE, SELECTED STATES, 2000

State	Area Planted	Herbicide Tolerant Variety	State	Area Planted	Herbicide Tolerant Variety
	1,000 Acres	Percent		1,000 Acres	Percent
Arkansas	3,500	43	Missouri	5,150	62
Illinois	10,300	44	Nebraska	4,700	72
Indiana	5,700	63	North Dakota	2,100	22
Iowa	10,600	59	Ohio	4,400	48
Kansas	2,900	66	South Dakota	4,300	68
Michigan	2,200	50	Wisconsin	1,500	51
Minnesota	7,200	46			
Mississippi	1,700	48	United States	74,501	54

SOURCE: USDA, NASS, Agricultural Statistics Board, June Acreage Report, Released June 6/30/00.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
North Central District, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of District Total
Public Varieties			
Surge	O	35,899	4.72
Stride	I	9,035	1.19
Total Public Varieties		44,934	5.91
Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of District Total
Private Varieties -- Transgenic (herbicide tolerant)			
Maturity Group O			
DeKalb	1	23,892	3.14
Asgrow	1	23,390	3.08
Stine	1	15,661	2.06
Croplan Genetics	3	13,954	1.84
Prairie Brand	1	12,709	1.67
Total	17	117,414	15.45
Maturity Group I			
Pioneer Brand	4	230,929	30.39
Mycogen	1	38,047	5.01
AgriPro	2	28,108	3.70
NK Brand	2	17,186	2.26
Croplan Genetics	2	16,043	2.11
Total	30	413,134	54.36
Maturity Group II			
Kruger	1	4,417	0.58
NK Brand	1	4,016	0.53
Hoegemeyer	1	4,016	0.53
Asgrow	1	3,614	0.48
Mycogen	1	2,008	0.26
Total	6	19,677	2.59
Total Private Transgenic	53	550,225	72.40
Private Varieties -- Conventional (not herbicide tolerant)			
Maturity Group O			
Pioneer Brand	2	15,661	2.06
NK Brand	1	6,023	0.79
Kruger	1	5,321	0.70
Croplan Genetics	1	2,951	0.39
AgriPro	1	803	0.11
Total	7	31,522	4.15
Maturity Group I			
Pioneer Brand	3	38,008	5.00
Mycogen	2	27,506	3.62
Kruger	1	19,777	2.60
Stine	2	9,637	1.27
DeKalb	2	5,020	0.66
Total	14	109,305	14.38
Maturity Group II			
Pioneer Brand	1	8,031	1.06
Golden Harvest	1	4,016	0.53
DeKalb	1	4,016	0.53
Asgrow	1	4,016	0.53
Prairie Brand	1	3,935	0.52
Total	5	24,014	3.16
Total Private Conventional	26	164,841	21.69

1/ Derived values based on survey percent.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
Northeast District, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of District Total
Public Varieties			
Surge	O	32,224	3.48
Lambert	O	6,352	0.69
Hendricks	O	6,352	0.69
Dawson	O	2,752	0.30
Total Public Varieties		47,680	5.16

Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of District Total
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Private Varieties -- Transgenic (herbicide tolerant)			
Maturity Group O			
Pioneer Brand	2	29,536	3.19
Asgrow	2	20,664	2.23
Dairyland	1	20,029	2.17
Croplan Genetics	2	19,986	2.16
Mustang	1	15,900	1.72
Total	21	170,414	18.42
Maturity Group I			
Pioneer Brand	4	104,507	11.30
NK Brand	2	38,259	4.14
AgriPro	2	32,479	3.51
Asgrow	3	17,191	1.86
Dairyland	3	12,979	1.40
Total	36	282,336	30.52
Maturity Group II			
Asgrow	3	24,518	2.65
Pioneer Brand	2	13,614	1.47
Kruger	2	5,589	0.60
AgriPro	2	5,124	0.55
Mycogen	2	4,404	0.48
Total	14	60,363	6.53
Total Private Transgenic	71	513,113	55.47
Private Varieties -- Conventional (not herbicide tolerant)			
Maturity Group O			
Pioneer Brand	2	35,337	3.82
Dairyland	1	11,073	1.20
NK Brand	1	10,967	1.19
Croplan Genetics	2	10,904	1.18
Kruger	1	6,690	0.72
Total	10	82,021	8.87
Maturity Group I			
Pioneer Brand	4	129,450	13.99
AgriPro	2	16,875	1.82
Gold Country	6	15,329	1.66
Wensman	1	12,598	1.36
Mycogen	2	12,280	1.33
Total	32	254,431	27.51
Maturity Group II			
Mustang	2	12,364	1.34
Pioneer Brand	2	6,986	0.76
Mycogen	1	4,721	0.51
Wensman	1	2,625	0.28
Stine	1	1,059	0.11
Total	7	27,755	3.00
Total Private Conventional	49	364,207	39.37

1/ Derived values based on survey percent.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
Central District, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of District Total
Public Varieties			
Total Public Varieties	--	0	0
Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of District Total
Private Varieties -- Transgenic (herbicide tolerant)			
Maturity Group O			
Asgrow	2	9,519	2.51
Legend	1	2,217	0.58
Stine	1	1,224	0.32
DeKalb	1	1,224	0.32
Golden Harvest	1	1,088	0.29
Total	6	15,272	4.02
Maturity Group I			
Pioneer Brand	3	34,949	9.20
Prairie Brand	3	17,815	4.69
Kruger	1	13,027	3.43
DeKalb	3	10,295	2.71
AgriPro	1	10,294	2.71
Total	25	133,921	35.24
Maturity Group II			
Asgrow	4	31,508	8.29
Pioneer Brand	5	26,830	7.06
AgriPro	2	23,237	6.12
Prairie Brand	2	21,894	5.76
DeKalb	3	18,698	4.92
Total	37	159,687	42.02
Maturity Group III			
Pioneer Brand	1	340	0.09
Total	1	340	0.09
Total Private Transgenic	69	309,220	81.37
Private Varieties -- Conventional (not herbicide tolerant)			
Maturity Group I			
AgriPro	1	6,759	1.78
Asgrow	1	5,439	1.43
Legend	1	2,720	0.72
Hoegemeyer	1	1,360	0.36
Gold Country	1	544	0.14
Total	5	16,822	4.43
Maturity Group II			
Asgrow	4	25,374	6.68
DeKalb	3	12,932	3.40
Den Besten	2	3,930	1.03
Producers	1	2,040	0.54
Kruger	1	1,768	0.47
Total	19	53,958	14.20
Total Private Conventional	24	70,780	18.63

1/ Derived values based on survey percent.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
East Central District, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of District Total
Public Varieties			
Hardin	I	1,879	0.19
Parker	I	1,213	0.12
Turner	II	728	0.07
Total Public Varieties		3,820	0.39
Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of District Total
Private Varieties -- Transgenic (herbicide tolerant)			
Maturity Group O			
Mustang	2	7,033	0.71
DeKalb	1	2,522	0.25
Golden Harvest	1	1,819	0.18
Prairie Brand	1	1,213	0.12
Asgrow	1	764	0.08
Total	9	14,866	1.50
Maturity Group I			
Pioneer Brand	4	77,929	7.87
AgriPro	2	49,775	5.03
DeKalb	3	46,936	4.74
Mustang	2	20,940	2.12
Legend	3	20,759	2.10
Total	48	313,267	31.64
Maturity Group II			
Asgrow	5	113,410	11.46
Pioneer Brand	6	57,498	5.81
Prairie Brand	5	53,546	5.41
Mustang	5	33,964	3.43
NK Brand	4	21,752	2.20
Total	72	408,882	41.30
Maturity Group III			
Pioneer Brand	1	9,494	0.96
Total	1	9,494	0.96
Total Private Transgenic	130	746,509	75.40
Private Varieties -- Conventional (not herbicide tolerant)			
Maturity Group O			
NK Brand	1	1,782	0.18
Total	1	1,782	0.18
Maturity Group I			
AgriPro	3	8,609	0.87
Pioneer Brand	3	7,773	0.79
DeKalb	1	6,281	0.63
Prairie Brand	3	5,407	0.55
Latham	1	4,729	0.48
Total	31	54,916	5.55
Maturity Group II			
Pioneer Brand	4	32,993	3.33
DeKalb	5	26,627	2.69
Prairie Brand	5	24,542	2.48
NK Brand	7	22,627	2.29
Mustang	2	16,248	1.64
Total	54	182,973	18.48
Total Private Conventional	86	239,671	24.21

1/ Derived values based on survey percent.

MARKETING SOURCES FOR SOYBEAN VARIETIES
Public/Private -- Brand/Varieties -- Maturity Group
Southeast District, 2000

Marketing Source	Maturity Group	Acres Planted 1/	Percent of District Total
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Public Varieties

IA 2021	II	1,933	0.17
Corsoy/Corsoy 79	II	703	0.06
Total Public Varieties		2,636	0.23

Marketing Source	Number of Varieties Included	Acres Planted 1/	Percent of District Total
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Private Varieties -- Transgenic (herbicide tolerant)

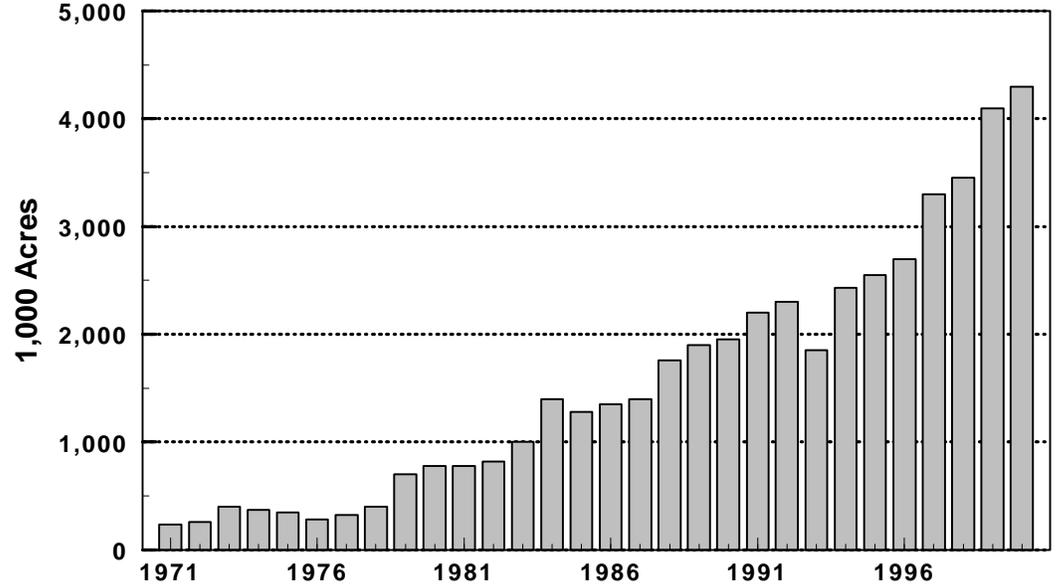
Maturity Group O			
Kruger	1	2,396	0.21
Asgrow	1	2,396	0.21
DeKalb	1	1,086	0.09
Prairie Brand	1	240	0.02
Total	4	6,118	0.53
Maturity Group I			
Pioneer Brand	3	31,582	2.76
Producers	2	7,556	0.66
Kruger	1	7,508	0.66
Garst	1	5,751	0.50
DeKalb	1	5,671	0.50
Total	17	79,937	6.99
Maturity Group II			
Asgrow	10	176,488	15.43
Pioneer Brand	9	92,429	8.08
DeKalb	3	62,269	5.44
Prairie Brand	3	34,729	3.04
NK	5	32,940	2.88
Total	90	580,102	50.71
Maturity Group III			
Pioneer Brand	2	26,022	2.27
Total	2	26,022	2.27
Total Private Transgenic	113	692,179	60.51

Private Varieties -- Conventional (not herbicide tolerant)

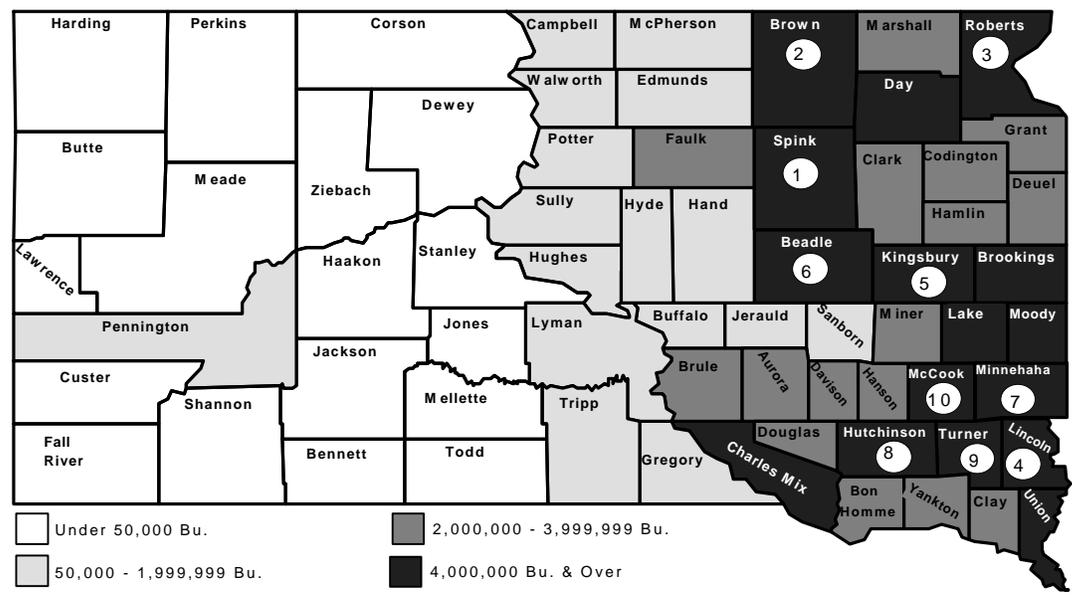
Maturity Group I			
Pioneer Brand	2	10,895	0.95
Asgrow	1	3,083	0.27
Hefty	1	2,875	0.25
Mycogen	2	2,188	0.19
NK	1	1,677	0.15
Total	19	27,972	2.45
Maturity Group II			
Asgrow	5	88,131	7.70
Pioneer Brand	6	62,700	5.48
Kruger	5	45,559	3.98
DeKalb	4	34,234	2.99
Golden Harvest	5	32,189	2.81
Total	84	420,415	36.75
Maturity Group III			
Latham	1	479	0.04
Pioneer Brand	1	319	0.03
Total	2	798	0.07
Total Private Conventional	105	449,185	39.26

1/ Derived values based on survey percent.

SOYBEANS, ACREAGE SEEDED SOUTH DAKOTA, 1971-2000



1999 SOYBEAN PRODUCTION, SOUTH DAKOTA (Ranking of top ten counties shown)



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