

Allis-Chalmers Milling Data-base (531 cultivars grown in crop years 1975 - 2000)

Milling quality is a very strong genetic trait. Milling Score consists of straight-grade flour yield, endosperm separation index (E.S.I.), and friability. Data represents Allis-Chalmers millings of shrivel-free grain from various locations and/or crop years (1975 - 2000). Every effort has been adopted to insure that milling-quality data is representative of the cultivar. However, there is a measure of uncertainty in data representing a cultivar with one milling only.

Historic cultivars dating to 1808 were acquired through the National Small Grains Collection, and grown with contemporary cultivars. Characteristics of the historic cultivars were compared with recorded plant descriptions; thus, there is a high level of confidence concerning the identity of the historic varieties.

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
1	Argee	SRW	WI	1976	23	61.2	38.0	95.4	80.2	6.8	31.1	0.39	49.3	33.0	18.2	8.3	9.8	5
2	Pioneer 26R46	SRW	IN	1999?	2	62.7	48.3	93.8	79.6	7.0	31.5	0.39	50.5	30.5	18.5	8.2	9.7	7
3	FFR-566W	SRW	VA?	1998?	1	64.1	44.8	91.5	79.4	6.9	30.9	0.38	51.0	26.6	17.4	9.5	11.0	
4	Arise W33	SRW	IL	1995?	1	63.0	33.2	90.6	79.0	6.9	31.0	0.42	52.0	26.4	16.7	9.2	10.7	4
5	Severn	SRW	MD	1981	8	61.2	35.7	90.4	79.6	7.1	30.5	0.39	49.2	29.4	18.0	9.2	10.7	2
6	Kent (AC)	SWW	CAN	1999?	1	61.8	37.0	90.2	80.0	7.0	29.9	0.42	50.3	29.4	17.6	9.5	11.0	2
7	Mallard (Agripro)	SRW	AR	1992	17	59.9	32.1	88.9	78.8	7.6	31.4	0.40	49.7	33.1	18.3	8.6	10.1	6
8	Wisconsin No.2	HRW	WI	1918	1	65.1	33.8	87.1	79.4	7.2	29.8	0.38	56.5	24.7	16.6	10.4	11.9	
9	Mountain (AC)	SWW	CAN	1999?	1	61.6	35.8	86.7	79.4	7.1	29.6	0.44	50.1	30.5	18.0	8.8	10.3	2
10	Wheeler	SRW	VA	1980	8	60.7	42.9	86.5	78.7	7.9	31.0	0.42	49.9	34.6	18.1	9.8	11.3	4
11	Terral 1011	SRW	AR	1994?	3	59.4	32.6	85.8	78.8	8.2	31.0	0.39	49.5	34.4	18.3	8.2	9.7	
12	Minturki	HRW	MN	1919	1	62.3	35.2	84.9	79.9	7.0	28.4	0.42	59.1	23.1	16.8	11.5	13.0	6
12	Progold	SRW	MI?	199?	3	59.1	37.2	84.9	78.7	7.9	30.5	0.40	52.7	36.0	18.1	8.4	9.9	
14	Beck 108	SRW	IN?	1998?	1	61.3	36.0	84.5	78.4	8.1	30.9	0.39	51.3	36.8	18.3	8.6	10.1	3
15	AGS 2000	SRW	GA	2000?	3	63.5	49.2	84.3	78.8	7.8	30.2	0.39	54.9	30.9	17.9	9.2	10.7	4
16	Foster (Agripro)	SRW	KY	1997?	18	60.9	34.7	83.9	78.9	8.0	30.1	0.40	51.0	33.8	18.0	9.5	11.0	7
17	Pioneer 25R38	SRW	IN	2000?	1	63.2	46.6	83.5	79.0	7.7	29.6	0.48	52.4	28.3	18.0	8.3	9.8	
18	LG 1433 (LG Seeds)	SRW	OH?	1999?	1	60.6	34.3	83.4	78.3	8.0	30.6	0.34	54.4	40.0	18.7	7.4	8.9	
19	Diehl-Mediterranean	SRW	NY	1884	2	62.5	35.2	82.7	78.6	7.7	29.9	0.45	53.9	30.7	17.6	9.9	11.4	2
20	Va 96w-158	SRW	VA	2001?	3	60.8	39.9	82.6	78.6	8.1	30.1	0.43	51.7	31.3	17.2	9.1	10.6	7
21	Garfield (Steyer Seeds)	SRW	OH	1999?	2	61.3	35.0	82.0	78.8	7.5	29.2	0.38	55.2	36.4	17.4	8.8	10.3	3
22	Beck 107	SRW	IN	1999?	3	61.1	33.7	81.7	78.1	8.1	30.4	0.36	52.3	39.9	18.7	8.2	9.7	4
22	Emily	SRW	MI?	1998?	1	63.1	30.7	81.7	78.7	7.6	29.3	0.38	51.5	26.5	17.4	10.2	11.7	2
24	Greeson	SWW	NC	1897	2	63.1	40.6	81.6	79.0	8.1	29.4	0.40	54.9	27.0	17.0	10.1	11.6	3
25	Goens	SRW	OH	1808	1	62.2	35.6	81.0	78.4	8.4	30.1	0.43	53.0	32.7	17.6	10.5	12.0	
26	TS 8040 (Thompson)	SRW	OH	1999?	1	60.4	33.5	80.7	78.0	8.2	30.3	0.34	54.3	40.4	18.8	7.4	8.9	
27	Absolut	SRW	MI?	1998?	1	62.1	30.9	80.2	78.2	8.2	29.9	0.34	49.9	35.8	18.5	9.9	11.4	3
27	L 15 (Leader)	SRW	OH	199?	2	62.6	30.4	80.2	78.3	7.9	29.6	0.39	51.3	27.4	16.8	10.1	11.6	3
27	Steyer 1809	SRW	OH?	1997?	3	59.1	36.1	80.2	78.3	8.3	29.9	0.37	54.0	37.5	18.3	8.3	9.8	2
30	W 9830 (Wellman)	SRW	OH	1999?	1	60.6	34.2	79.9	78.1	8.5	30.2	0.34	52.9	40.2	18.6	7.4	8.9	
31	White Wonder	SWW	WVA,NY	1919?	1	62.6	34.9	79.8	78.4	8.0	29.4	0.40	52.9	34.2	17.8	9.7	11.2	3
32	Blackhawk	SRW	WI	1947	1	62.3	30.9	79.7	78.6	7.6	28.8	0.40	54.5	25.3	16.6	10.6	12.1	3
32	Hoffman 28	SRW	PA	1987	2	62.2	38.1	79.7	78.3	8.5	29.9	0.44	51.5	32.3	17.5	8.4	9.9	
32	NY6432-10	SWW	NY	1988	14	61.2	35.9	79.7	78.6	8.3	29.5	0.39	51.3	27.4	17.6	9.6	11.1	2
35	Magars (Steyer Seeds)	SRW	OH	1999?	1	60.3	33.5	79.1	77.9	8.3	30.0	0.35	53.7	40.1	18.8	7.4	8.9	
36	GR 983	SRW	OH	1998?	1	60.3	33.9	79.1	77.8	8.3	30.1	0.35	54.3	40.3	18.6	7.4	8.9	
37	John (NC)(Thompson &	SWW	CAN	1998?	1	60.5	34.6	79.0	79.2	7.8	28.1	0.42	51.2	34.6	17.7	10.1	11.6	7
38	Jaypee	SRW	AR	1995	6	61.9	31.8	78.9	78.1	8.7	30.1	0.41	50.5	33.1	17.5	9.5	11.0	3
39	Dyna Gro 246	SRW	MI?	1996?	2	63.1	32.6	78.7	78.2	8.5	29.7	0.40	50.5	27.7	16.7	10.3	11.8	3
40	Reed	SRW	IN	1962	2	61.0	33.6	78.6	78.9	8.8	29.1	0.40	53.1	32.1	17.8	11.1	12.6	4

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
41	ATW 270	SRW	FL	1989	3	60.9	38.1	78.4	78.2	8.3	29.4	0.39	51.6	31.2	17.8	9.1	10.6	4
42	Boone (Agripro)	SRW	IN?	199?	4	59.9	39.1	78.2	77.8	8.8	30.3	0.40	50.9	38.0	18.2	9.4	10.9	7
42	Pocahontas	SRW	VA	1997	8	62.1	38.7	78.2	77.8	8.5	30.0	0.36	53.8	30.6	17.2	8.7	10.2	3
44	Marilee	SWW	CAN	199?	4	59.0	44.0	78.1	78.0	8.2	29.5	0.40	52.2	34.7	17.8	7.6	9.1	
45	FI 302	SRW	FL	1984	24	61.0	42.6	78.0	77.9	8.6	29.9	0.38	51.0	32.3	17.6	8.9	10.4	3
46	Caledonia	SWW	NY	199?	8	60.7	40.6	77.9	78.1	8.6	29.7	0.40	51.2	34.5	18.2	8.1	9.6	2
47	Coker 65-20	SRW	SC	1965	1	61.9	38.8	77.8	78.4	8.7	29.4	0.40	52.1	34.4	17.2	9.3	10.8	2
47	FFR-555W	SRW	VA	199?	15	60.7	36.9	77.8	78.1	8.8	29.8	0.42	50.8	30.5	17.7	8.8	10.3	4
49	AGI 540 (Advanced Ge	SRW	OH	1999?	1	61.4	30.6	77.7	78.6	8.3	28.8	0.35	51.5	26.5	17.1	8.6	10.1	4
49	Imperial Amber	SRW	MO?	ca 1913	2	61.6	37.3	77.7	78.3	8.5	29.3	0.40	52.8	32.1	17.8	9.2	10.7	1
51	Coker 9024	SRW	AR	1990	4	59.2	32.1	77.6	77.9	8.7	30.0	0.43	49.2	33.4	17.6	10.3	11.8	4
52	Rupert Giant	SRW	TN	ca 1900	1	61.3	37.9	77.4	78.6	8.4	28.8	0.42	52.7	29.7	17.9	9.8	11.3	2
53	Pioneer 2555	SRW	IN	1986	14	60.9	41.4	77.3	77.7	8.9	30.3	0.39	51.4	36.7	18.2	8.8	10.3	7
54	W 9850 (Wellman)	SRW	OH	1999?	2	61.6	33.3	77.1	77.6	8.5	29.9	0.35	53.6	38.8	18.3	8.3	9.8	
55	Charmany	SRW	WI	1984	9	60.6	40.9	76.8	77.8	8.8	29.9	0.39	51.2	35.9	18.0	8.0	9.5	2
56	GL 9240 (Greenland)	SRW	OH	199?	1	61.6	30.2	76.7	77.7	8.9	30.0	0.42	52.4	29.0	16.7	9.5	11.0	
57	RW 1517 (Classic - No	SRW	OH	1998?	2	60.9	33.4	76.6	77.7	8.2	29.4	0.35	53.0	38.0	18.5	8.2	9.7	
58	Illinois #2	SRW	IL	1932	1	63.2	33.2	76.5	77.7	9.2	30.2	0.40	54.2	32.0	17.7	10.0	11.5	8
59	Dyna Gro 422	SRW	MI?	1997?	1	62.1	46.9	76.2	77.5	8.8	30.0	0.37	53.0	33.6	17.3	7.7	9.2	
60	Nittany	SRW	PA	1918	2	60.5	44.1	76.0	78.1	8.6	29.1	0.42	52.1	33.5	17.5	10.4	11.9	2
61	JMS 222 (Schultz)	SRW	IN?	198?	3	61.6		75.8	77.8	8.9	29.7	0.41	49.3	34.0	18.3	9.8	11.3	1
61	Wabash	SRW	IN/IL	1938	1	63.0	34.1	75.8	78.3	9.3	29.4	0.41	51.7	29.0	18.1	11.1	12.6	2
63	Adder	SRW	IN	1985	13	61.3	31.4	75.5	78.5	9.0	28.9	0.39	49.2	31.5	18.0	9.5	11.0	7
64	Chieftan	SRW	MI?	1996?	2	62.5	32.4	75.4	77.9	8.8	29.4	0.39	51.8	28.0	16.7	10.1	11.6	3
64	FFR-588W	SRW	IN	199?	2	61.2	40.2	75.4	78.5	8.8	28.6	0.40	52.0	32.6	18.1	8.4	9.9	2
64	OH 515	SRW	OH	1997?	2	60.8	33.7	75.4	77.3	9.3	30.4	0.38	52.8	38.0	17.8	9.0	10.5	2
67	Steele (NAPB)	SRW	IN	1989	4	59.8	33.1	75.3	77.4	9.0	30.0	0.39	49.9	33.5	17.9	10.3	11.8	4
68	Pioneer 25R49	SRW	IN	2000?	2	63.5	42.5	75.2	77.7	9.2	29.8	0.38	53.7	32.7	18.1	7.9	9.4	1
69	Dyna Gro 426	SRW	MI?	1999?	1	61.3	30.9	75.0	77.8	8.2	28.8	0.37	53.9	27.5	16.9	8.1	9.6	
70	Podach (Steyer Seeds	SRW	OH?	1994?	4	63.5	31.8	74.8	77.7	9.0	29.6	0.42	52.4	26.8	17.1	9.5	11.0	3
71	Hoffman 45	SRW	IN	1989	2	61.9	32.7	74.7	77.7	8.9	29.4	0.38	51.7	33.0	18.3	8.8	10.3	
71	Ross (Heines VII)	SRW	GER	?	1	61.5	40.2	74.7	78.4	8.4	28.2	0.40	51.3	33.8	18.1	8.7	10.2	2
73	MacKinnon (AC)	SWW	CAN	1999?	1	62.4	35.3	74.6	78.2	8.3	28.3	0.43	50.8	29.8	17.5	9.5	11.0	2
74	Yorkwin	SWW	NY	1935	2	61.0	39.3	74.4	78.1	8.8	28.8	0.40	52.4	29.1	17.5	9.0	10.5	3
75	W 9140 (Wellman)	SRW	OH	199?	1	61.4	29.4	74.4	77.5	9.1	29.7	0.40	53.9	33.0	17.2	10.4	11.9	
76	SC 1365 (Seed Consul	SRW	OH?	1999?	1	61.7	31.1	74.3	77.8	8.6	28.9	0.37	54.5	26.1	17.2	7.8	9.3	
77	Geneva	SWW	NY	1983	24	61.5	36.9	74.0	77.7	9.1	29.4	0.39	52.1	34.9	18.0	8.9	10.4	2
77	Roy	SRW	NC	1979	8	57.6		74.0	77.3	9.3	30.0	0.38	51.3	37.3	17.8	10.0	11.5	3
79	Cartier (AC)	SWW	CAN	1997?	4	61.3	42.1	73.9	77.8	8.9	29.0	0.41	50.6	31.9	17.6	8.7	10.2	4
80	Cardinal	SRW	OH	1987	54	60.8	37.9	73.8	77.7	8.9	29.1	0.38	51.0	31.2	17.8	8.9	10.4	2

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
80	Pioneer 2510	SRW	IN	1991	20	62.1	37.6	73.8	77.4	8.8	29.4	0.40	54.3	33.1	17.8	8.5	10.1	2
80	Talbot	SWW	CAN	1962	1	62.7	37.9	73.8	78.5	8.4	27.8	0.46	48.0	29.8	17.6	9.3	10.8	
83	Fuzz	SRW	IN	1975	2	62.0	37.7	73.6	77.9	9.1	29.0	0.43	52.6	31.9	17.8	10.0	11.5	3
83	RW 151 (Classic - Nos)	SRW	OH	199?	2	63.0	32.0	73.6	77.6	9.5	29.7	0.42	50.8	28.5	17.1	8.9	10.4	
85	Rebecca	SWW	CAN	1992?	4	59.0	40.9	73.3	77.5	9.4	29.6	0.41	51.2	33.4	17.8	8.0	9.5	6
86	Hoffman 89	SRW	OH	1994?	5	64.0	32.3	73.1	77.6	9.4	29.5	0.40	51.9	26.0	17.0	10.5	12.0	3
87	Dozier	SRW	GA	199?	4	61.6	33.3	73.0	77.4	8.9	29.3	0.38	53.3	32.3	17.7	8.8	10.3	
88	Pioneer 2552	SRW	IN	199?	13	61.6	41.9	72.9	77.3	9.1	29.6	0.39	54.5	34.3	17.9	8.9	10.4	4
89	Armor 4045	SRW	AR?	2000?	1	60.7	36.7	72.8	76.8	9.2	30.1	0.35	56.4	40.5	18.7	7.4	8.9	6
89	Golden Cross	SRW	NY	1886	3	62.0	34.0	72.8	77.8	8.6	28.5	0.44	55.3	32.3	17.4	9.0	10.5	1
89	SR 204 (Terra)	SRW	IN / IA	1994?	3	63.0	32.3	72.8	77.5	9.2	29.3	0.41	51.3	28.4	17.3	8.8	10.3	6
92	SG 1545 (Shur Grow)	SRW	OH	1999?	2	62.8	32.7	72.7	77.5	8.8	29.0	0.37	55.4	24.5	17.0	8.6	10.1	3
92	VPI 112	SRW	VA	1915	1	61.0	44.0	72.7	78.2	8.4	27.8	0.41	53.0	25.2	15.5	11.5	13.0	
94	Arrow	SWW	NY	1973	8	60.3	30.3	72.6	77.7	8.8	28.7	0.42	49.8	29.5	17.4	9.4	10.9	3
95	TS 4020 (Thompson)	SRW	OH	199?	1	64.0	32.6	72.5	77.3	9.4	29.6	0.42	50.5	28.3	17.5	7.9	9.4	
96	Kenosha	SRW	WI	1974	9	60.6	32.7	72.4	77.6	9.2	29.1	0.40	49.5	32.6	18.1	9.0	10.5	2
96	W 9350 (Wellman)	SRW	OH	199?	2	61.4	31.1	72.4	77.4	9.2	29.3	0.42	51.4	34.3	18.2	9.1	10.6	
98	Arise X17	SRW	IL	1995?	1	62.7	36.9	72.3	77.1	9.2	29.6	0.37	56.1	38.4	18.0	8.0	9.5	2
99	Elkhart	SRW	IN	199?	5	62.3	40.1	72.2	77.4	9.4	29.4	0.39	51.3	31.6	17.5	9.7	11.2	4
99	Succession (Hytest)	SRW	?	199?	1	64.3	32.5	72.2	77.3	9.5	29.6	0.43	51.0	27.9	17.2	7.9	9.4	
101	Beck 109	SRW	IN?	1992?	4	63.0	33.2	72.0	77.3	9.6	29.6	0.41	52.8	27.6	17.3	8.6	10.1	5
102	Walker	SRW	TN	1871	2	63.3	38.1	71.8	78.1	9.0	28.2	0.39	52.9	26.7	17.1	11.5	13.0	2
103	Glacier	SRW	WI	1991	2	59.7	30.9	71.7	77.4	9.9	29.7	0.44	50.5	37.2	17.7	9.1	10.6	2
104	Bavaria	SWW	MI	1997?	6	61.5	38.2	71.5	77.5	9.0	28.8	0.38	51.1	30.8	17.7	8.6	10.1	3
104	Huron - See Bavaria		MI/Can					71.5										
106	Savannah (Agripro)	SRW	IN	1990	1	60.8	31.9	71.4	77.3	9.3	29.2	0.46	55.4	34.6	17.7	9.2	10.7	3
107	Hartzler 2400	SRW	MO	1986	1	63.0		71.3	77.0	9.9	30.0	0.38	53.5	36.0	18.0	8.0	9.5	
107	Pioneer 2737W	SWW	IN?	199?	7	60.8	37.3	71.3	77.5	9.1	28.8	0.40	52.1	33.9	17.7	8.7	10.2	3
107	RS 927 (RUPP SEEDS)	SRW	OH	199?	4	62.8	31.5	71.3	77.3	9.3	29.1	0.42	51.4	30.6	17.3	9.3	10.8	
110	Dancer (NAPB)	SRW	IN	1980	3	61.3		71.2	77.4	9.7	29.4	0.38	49.2	28.9	18.0	10.1	11.6	3
110	Pioneer 25W33	SWW	IN	1997	5	60.7	34.5	71.2	77.1	9.1	29.2	0.39	52.4	36.4	18.0	8.2	9.7	6
112	Carala	SRW	NC	1940	1	60.8	33.5	71.1	77.2	9.3	29.2	0.36	50.7	35.1	17.3	9.8	11.3	6
112	SG 1550 (Shur Grow)	SRW	OH	199?	2	62.3	31.1	71.1	77.2	9.4	29.3	0.42	51.5	31.8	17.4	9.1	10.6	
114	Gasta	SRW	GA	1931	2	61.3	31.1	71.0	77.4	9.0	28.7	0.39	49.8	31.9	17.2	11.0	12.5	3
114	Tecumseh	SWW	MI	1973	18	61.8	33.0	71.0	77.9	9.4	28.5	0.41	49.8	28.0	17.7	11.0	12.5	7
116	Goldcoin	SWW	NY	ca 1890	3	61.5	36.9	70.9	77.6	9.3	28.7	0.43	52.5	31.8	17.7	9.6	11.1	1
117	Mitchell (Agripro)	SRW	AR	2001?	1	61.3	28.9	70.8	77.0	9.6	29.6	0.41	51.7	36.3	18.6	8.2	9.7	
118	Cobra	SRW	?	199?	2	62.6	31.5	70.7	77.4	9.8	29.3	0.43	53.4	28.7	17.5	8.8	10.3	3
118	Kavkaz	HRW	Russia	?	1	62.2	38.2	70.7	78.7	8.7	26.9	0.38	58.8	22.0	16.8	10.1	11.6	4
118	Patriot 180	SRW	?	199?	1	64.5	32.1	70.7	77.7	10.2	29.3	0.42	52.0	34.7	17.2	9.5	11.0	

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
121	Fulcaster	SRW	MD	1886	2	60.6	37.5	70.6	77.6	9.5	28.8	0.44	50.6	34.5	17.4	11.4	12.9	2
121	Superior	SWW	CAN	1997?	1	60.7	39.1	70.6	77.4	9.5	29.0	0.44	50.8	34.4	17.3	9.1	10.6	
123	Hoffman 95	SRW	PA?	1997?	3	62.3	40.8	70.6	77.6	9.8	29.0	0.37	54.6	29.4	17.8	8.7	10.2	
124	Grandprize	SRW	NY	ca 1900	1	62.1	36.6	70.5	77.3	9.5	29.1	0.42	53.5	36.7	17.7	7.9	9.4	
125	Nured	SRW	NY	1939	2	61.7	39.4	70.4	77.7	9.2	28.3	0.45	52.6	31.3	17.2	10.5	12.0	2
125	Pro 104	SRW	MI?	199?	1	61.8	34.4	70.4	77.1	9.4	29.2	0.41	52.1	35.7	18.3	8.8	10.3	
127	Coker 9025	SRW	AR	2000?	1	60.9	41.2	70.2	77.3	10.2	29.6	0.46	54.8	37.2	17.9	8.7	10.2	6
128	Coker 61-19	SRW	SC	1960	1	63.0	37.0	70.1	77.1	9.4	29.1	0.42	52.3	32.2	17.4	10.0	11.5	3
129	Saline	SRW	IL	1950	1	61.9	34.2	70.0	77.8	9.4	28.3	0.42	52.8	32.0	18.0	10.9	12.4	2
130	Houser	SWW	NY	1978	28	58.5	40.9	69.9	77.1	9.4	29.1	0.40	50.4	35.8	17.9	8.9	10.4	3
131	Century II	SRW	?	1997?	1	65.1	44.8	69.8	77.5	9.2	28.4	0.37	56.6	31.3	17.3	8.4	9.9	1
132	Lowell	SWW	MI	1992?	6	57.5	42.3	69.7	77.6	9.5	28.6	0.41	51.0	35.7	17.5	9.2	10.7	5
132	SR 49 (Garst Seeds)	SRW	IN	1984	2	61.0	33.1	69.7	77.3	9.6	29.0	0.40	50.5	29.8	17.9	10.1	11.6	1
134	Arbor	SRW	?	199?	1	62.5	36.2	69.6	77.4	9.6	28.8	0.39	53.0	34.5	18.5	8.8	10.3	3
134	LG 1388 (LG Seeds)	SRW	OH?	1999?	1	58.5	33.9	69.6	77.1	9.1	28.7	0.38	56.3	38.0	17.9	7.1	8.6	
134	Trumbull	SRW	OH	1916	2	59.5	36.6	69.6	77.7	9.7	28.5	0.41	53.1	34.0	17.5	9.8	11.3	4
137	Chelsea	SWW	MI	199?	9	59.7	37.8	69.5	77.2	9.5	28.9	0.43	51.5	34.5	17.9	8.4	9.9	2
137	GR 860 (Agra)	SRW	OH	1987	7	62.6	35.0	69.5	77.2	9.3	28.7	0.38	49.4	30.8	18.2	9.8	11.3	2
139	Coker 9323	SRW	AR	1986	6	59.9	31.0	69.3	77.2	9.8	29.2	0.38	51.8	34.3	17.9	9.8	11.3	3
139	Madison	SRW	VA	1990	16	60.5	39.4	69.3	77.1	9.9	29.3	0.40	49.9	30.0	17.8	9.3	10.8	6
139	Pioneer 26R61	SRW	IN	1999?	2	63.9	52.5	69.3	77.5	9.6	28.7	0.45	53.4	30.3	17.6	9.3	10.8	7
139	Pro 100	SRW	MI?	199?	1	61.9	35.6	69.3	76.9	10.0	29.6	0.41	52.1	33.3	17.5	8.8	10.3	
143	Coker 9543	SRW	AR	1991	9	60.6	30.1	69.2	76.8	9.9	29.6	0.39	51.6	33.1	17.8	8.9	10.4	5
144	Coker 68-19	SRW	SC?	1970	1	59.6	30.8	69.1	76.9	9.6	29.2	0.34	55.2	38.7	18.4	8.7	10.2	5
144	Neuleib (Steyer Seeds)	SRW	OH?	1994?	1	63.2		69.1	77.2	9.3	28.6	0.40	52.4	34.4	17.5	9.2	10.7	5
144	W 9501 (Wellman)	SRW	OH	1999?	1	59.8	35.5	69.1	77.1	9.4	28.8	0.37	49.9	38.7	18.2	8.5	10.0	4
147	Coker 9907	SRW	SC	1990	3	58.8		69.0	77.5	9.8	28.7	0.41	49.8	32.0	17.7	9.9	11.4	3
147	Prosperity	SRW	NY	1890	1	62.6	37.4	69.0	78.0	9.9	28.2	0.46	51.5	29.8	18.1	10.4	11.9	
149	Sanford	SRW	GA	1940	1	58.6		68.9	77.3	9.6	28.7	0.35	49.4	29.4	16.8	11.1	12.6	2
149	SG 1540 (Shur Grow)	SRW	OH	199?	1	60.8	33.8	68.9	77.1	9.7	29.0	0.42	52.2	33.4	18.1	7.2	8.7	
151	CM 569 (Country Mark)	SRW	IN	1999?	1	58.2	33.6	68.8	77.2	9.4	28.6	0.36	57.9	38.5	17.8	7.1	8.6	
151	Sisson	SRW	VA	2000?	3	62.4	41.0	68.8	77.3	9.7	28.7	0.38	55.4	31.1	17.3	8.4	9.9	2
151	Verne	SRW	KY	1990	8	60.4	38.6	68.8	76.9	9.7	29.2	0.40	53.2	35.6	17.9	9.2	10.7	2
154	90W (Agritech)	SRW	IN	199?	1	63.4	32.1	68.6	77.0	9.8	29.1	0.42	51.4	24.6	16.8	10.7	12.2	
154	Harvest Queen	SRW	KS	1897	1	63.7	35.0	68.6	77.6	9.9	28.5	0.42	53.7	26.8	16.7	11.6	13.1	3
156	Casey	SRW	CAN	199?	3	60.6	35.7	68.5	77.6	10.0	28.5	0.41	52.9	36.8	17.5	9.1	10.6	6
156	Early Premium	SRW	MO	1937	2	62.6	31.5	68.5	77.5	9.7	28.5	0.43	57.6	32.2	17.1	10.7	12.2	1
156	Fillmore	SRW	IN	1982	18	62.1	34.2	68.5	77.1	9.7	28.8	0.37	50.5	31.0	17.7	9.4	10.9	6
156	Gipsy	SRW	GIPSY	1877	3	60.8	32.1	68.5	77.7	9.0	27.6	0.40	53.0	31.2	17.4	10.4	11.9	2
160	Featherstone 520	SRW	VA?	1996?	6	63.5	41.2	68.3	77.1	9.9	28.9	0.41	52.9	33.1	17.8	8.6	10.1	2

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
160	Flint	SRW	VA?	1852	4	61.4	34.1	68.3	77.5	9.5	28.2	0.38	51.7	28.3	17.1	10.1	11.6	3
162	Favor	SWW	CAN	1981	8	59.2	38.9	68.2	77.0	9.3	28.5	0.40	48.1	33.0	17.9	8.4	9.9	3
163	Bledsoe	SRW	GA	1956	3	61.7	36.7	68.1	77.3	9.8	28.6	0.38	51.5	30.5	17.3	11.0	12.5	3
164	Atlantis (Maumee Valle	SRW	IN	199?	1	63.7	35.1	68.0	77.4	9.7	28.4	0.39	51.6	30.2	17.6	8.8	10.3	4
164	Coker 9105	SRW	AR	1991	3	59.8	28.4	68.0	77.0	9.7	28.8	0.38	49.1	30.6	17.3	10.1	11.6	3
164	X4-261 (Rupp)	SRW	OH	199?	1	60.2	36.9	68.0	76.3	9.9	29.8	0.43	50.2	41.9	18.6	7.4	8.9	
167	AGI 550 (Advanced Ge	SRW	OH	1998?	1	60.1	35.7	67.9	77.0	9.0	28.2	0.38	50.0	31.3	17.9	8.1	9.6	
167	Anderson	SRW	SC	1952	2	61.3	39.1	67.9	77.8	9.9	28.1	0.41	51.1	28.2	16.6	11.0	12.5	3
169	Clemens (Agripro)	SRW	IN	199?	7	60.5	36.5	67.8	76.6	10.2	29.6	0.39	52.5	37.5	18.2	9.0	10.5	
169	CM 539 (Country Mark	SRW	IN	1998?	2	60.2	37.5	67.8	76.9	9.6	28.8	0.38	57.6	39.0	17.9	7.8	9.3	3
171	Susquehanna	SRW	MD / NY	1988	10	60.6	37.5	67.7	77.2	9.8	28.6	0.39	50.1	32.9	17.6	10.2	11.7	2
172	Packard (Coomer)	SRW	IN	1999?	1	59.4	36.5	67.6	77.1	9.1	28.1	0.40	49.7	38.9	18.3	7.8	9.3	
173	Beck 105	SRW	IN	199?	1	60.3	34.7	67.6	77.0	9.8	28.8	0.42	51.0	34.0	18.2	7.6	9.1	
174	Hancock (Agripro)	SRW	IN	1990	3	60.6	33.6	67.4	76.9	10.1	29.0	0.38	51.7	33.3	17.8	9.7	11.2	7
174	Hickory	SRW	AR	1994	9	61.5	31.8	67.4	76.8	9.8	29.0	0.39	53.5	36.5	18.1	8.9	10.4	8
176	Mendon	SRW	MI	1994?	7	59.7	44.1	67.3	77.3	9.5	28.1	0.39	52.3	34.1	17.7	8.9	10.4	3
176	Quantum 7123	SRW	IN?	1998?	1	64.0	41.7	67.3	77.5	10.1	28.4	0.40	54.8	30.8	17.5	8.1	9.6	
176	Tayland	SRW	MD	1954	1	63.0	38.3	67.3	77.4	10.1	28.5	0.40	52.3	32.4	16.9	10.2	11.7	
179	FI 303	SRW	FL	1988	5	61.4	37.3	67.2	77.1	10.0	28.8	0.40	51.6	32.3	17.9	9.7	11.2	2
179	Rosen	SRW	AR	1979	5	60.2	35.8	67.2	77.0	10.1	28.9	0.40	49.7	30.6	17.7	9.5	11.0	5
181	Benjamin (Steyer Seed	SRW	OH	1999?	2	62.1	32.7	67.1	77.5	9.4	27.8	0.38	53.5	26.2	17.1	8.8	10.3	
181	Wakefield	SRW	VA	1990	16	60.4	39.6	67.1	77.1	9.8	28.5	0.42	51.2	33.8	17.8	8.7	10.2	3
183	Yorkstar	SWW	NY	1968	24	58.8	40.5	67.0	77.1	9.7	28.4	0.41	48.9	32.5	17.9	8.6	10.1	3
184	Dawson	SWW	CAN	1881	2	60.7	35.4	67.0	77.5	9.5	27.8	0.41	50.5	30.2	17.7	9.6	11.1	2
184	Goldfield	SRW	IN	1998?	5	61.6	34.4	67.0	77.0	10.2	28.9	0.39	52.5	32.4	17.6	9.4	10.9	6
184	Patterson	SRW	IN	199?	11	60.0	31.9	67.0	76.8	10.0	29.0	0.39	52.3	36.5	17.9	8.8	10.3	5
187	Russian	SRW	VA?	ca 1917	1	61.6	36.3	66.9	77.7	9.8	27.8	0.44	51.8	29.2	17.5	10.9	12.4	3
188	G3566 (Goertzen)	SRW	KS	1997?	2	59.4	33.3	66.8	76.9	10.0	28.9	0.42	51.9	38.1	17.3	11.4	12.9	4
188	HW 3022 (R & H)	SRW	IN	198?	1	61.5	33.0	66.8	76.4	9.9	29.3	0.39	50.5	36.9	17.8	9.2	10.7	
190	Beck 103	SRW	IN	1999?	1	58.4	30.3	66.7	77.2	9.2	27.8	0.40	50.4	38.8	18.0	8.6	10.1	4
190	Purcam	SRW	SC	1951	2	60.9	34.9	66.7	77.4	10.0	28.3	0.44	51.1	30.5	17.2	9.6	11.1	2
192	Coker 747	SRW	SC	1976	10	61.4	30.9	66.6	76.7	9.9	28.9	0.42	50.9	34.8	17.8	9.7	11.2	2
192	GA 1123	SRW	GA	1959	3	60.4	36.8	66.6	77.3	10.3	28.6	0.42	52.4	28.0	17.1	9.8	11.3	2
192	Laporte	SRW	IN	1957	1	62.0	37.7	66.6	77.4	10.2	28.4	0.39	52.7	30.3	17.1	11.7	13.2	3
195	Stine 501	SRW	IN	199?	1	59.7	37.4	66.5	76.2	10.2	29.7	0.43	50.8	42.4	19.0	7.2	8.7	
196	Stine 488	SRW	IN	1999?	1	58.3	33.7	66.4	76.9	9.5	28.3	0.36	55.4	37.1	18.2	7.3	8.8	
197	Andnox	SRW	SC	1966	1	63.5	42.2	66.3	77.5	10.0	28.0	0.41	52.8	32.4	17.1	10.2	11.7	
197	Bailey 4287	SRW	IN	1980	1	59.5		66.3	76.7	10.0	28.9	0.42	49.0	34.2	18.0	8.8	10.3	
197	Cherokee (Agripro)	SRW	AR	1991	4	59.1	36.0	66.3	76.7	9.9	28.8	0.40	51.1	32.0	17.5	9.3	10.8	2
200	Coker 47-27 (NC sourc	SRW	SC	1950	3	61.4	32.6	66.2	77.9	9.8	27.3	0.42	55.0	23.9	16.4	10.3	11.8	4

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
200	Coker 983	SRW	SC	1983	6	62.7	31.2	66.2	76.9	10.1	28.8	0.42	51.1	32.0	17.6	10.0	11.5	5
202	Pioneer 25R57	SRW	IN	1997	8	61.2	37.3	66.0	76.3	9.9	29.1	0.42	51.4	35.6	18.1	8.5	10.0	2
203	Ariss (OAC)	SWW	CAN	1997?	5	62.3	36.6	65.9	76.9	9.5	28.2	0.42	50.6	32.9	17.7	8.6	10.1	2
203	Avon	SWW	NY	1958	1	61.7	42.2	65.9	76.9	9.7	28.3	0.42	50.6	31.7	17.2	9.3	10.8	
203	Blueboy	SRW	NC	1966	10	59.5	36.8	65.9	76.9	10.4	28.9	0.39	51.0	34.7	17.8	8.6	10.1	4
203	Caldwell	SRW	IN	1981	94	60.5	29.8	65.9	76.8	10.3	28.9	0.37	52.5	36.2	18.0	8.8	10.3	7
203	Karena	SWW	CAN	1992?	5	60.5	38.5	65.9	76.7	9.7	28.6	0.43	49.9	33.8	17.9	8.5	10.0	2
203	Kilen (Steyer Seeds)	SRW	OH	199?	1	60.0	39.1	65.9	76.3	10.3	29.5	0.43	50.7	41.5	19.1	7.4	8.9	
203	TS 5020 (Thompson)	SRW	OH	199?	1	62.2	32.0	65.9	76.7	9.9	28.7	0.44	50.7	31.3	17.9	7.9	9.4	
210	Coker 9134	SRW	AR	1992?	5	61.4	36.8	65.8	76.9	10.0	28.5	0.40	53.3	34.9	17.4	8.8	10.3	5
210	FFR-523W	SRW	VA?	1997?	3	62.2	39.8	65.8	76.8	9.9	28.5	0.39	54.4	29.6	17.3	8.7	10.2	
210	Nabob	SRW	OH	1928	1	62.2	38.0	65.8	77.2	9.4	27.7	0.39	50.9	28.3	17.9	9.7	11.2	
210	SR 203 (Terra)	SRW	IA	199?	1	61.8	36.2	65.8	76.8	10.4	29.0	0.39	52.4	33.0	17.3	8.8	10.3	
210	SW 320 (Stewart)	SRW	IN	1983	1	57.4		65.8	76.4	10.7	29.7	0.34	49.5	37.8	18.0	7.6	9.1	
215	Augusta	SWW	MI	1979	33	59.2	38.7	65.7	76.9	10.0	28.5	0.42	49.5	32.1	17.8	8.8	10.3	3
215	T 71	SRW	?	199?	5	59.6	33.7	65.7	76.5	9.9	28.8	0.41	52.6	39.3	18.2	8.5	10.0	
217	Pioneer 25R26	SRW	IN	1997	10	60.3	36.8	65.6	76.7	9.8	28.6	0.40	53.5	34.2	17.4	8.5	10.0	7
217	Terral 101	SRW	AR	1994?	2	60.7	32.6	65.6	76.6	9.9	28.8	0.40	53.6	40.4	17.9	9.0	10.5	2
219	Pryer (Steyer)	SRW	OH	1998?	1	60.1	32.1	65.4	76.7	9.6	28.3	0.39	51.3	32.8	16.9	8.3	9.8	
219	Valley	SRW	OH	ca 1883	1	63.2	36.4	65.4	77.3	9.7	27.7	0.42	52.9	29.4	17.3	11.4	12.9	4
219	Windsor	SWW	NY?	1892	1	60.6	30.8	65.4	76.7	9.7	28.4	0.50	51.7	36.9	17.7	8.7	10.2	
222	Joseph (Steyer Seeds)	SRW	OH	1998?	2	61.6	34.1	65.3	77.0	10.1	28.3	0.36	52.8	29.2	17.3	8.6	10.1	2
222	L 25 (Leader)	SRW	OH	199?	1	62.3		65.3	76.5	10.3	29.1	0.40	54.1	27.7	17.0	7.7	9.2	
222	SR 87 (Terra)	SRW	IL	199?	1	62.3	35.9	65.3	76.9	10.5	28.8	0.39	54.0	34.2	17.7	9.5	11.0	
225	Arthur	SRW	IN	1968	47	61.8	37.5	65.2	77.1	10.2	28.3	0.41	49.9	27.5	17.6	10.4	11.9	6
225	FI 301H	SRW	FL	1988	2	61.0	33.8	65.2	76.9	10.3	28.7	0.43	51.1	30.1	17.7	10.0	11.5	6
225	GR 915 (Agra)	SRW	OH	1992?	7	60.8	33.6	65.2	76.9	10.0	28.4	0.40	51.9	31.9	17.6	9.6	11.1	2
225	Merrimac	SRW	WI	1988	3	61.0	35.9	65.2	76.5	9.9	28.7	0.42	50.2	34.3	18.0	8.8	10.3	4
225	Red Rock	SRW	MI	1915	1	60.3	37.5	65.2	77.1	10.1	28.2	0.43	50.6	29.8	17.7	11.2	12.7	3
230	Columbia (Maumee Va	SRW	IN	199?	5	61.7	31.4	65.0	76.7	9.9	28.4	0.39	50.6	31.6	17.3	10.0	11.5	5
230	VPI 131	SRW	VA	1915	1	62.3	43.3	65.0	77.1	9.7	27.8	0.39	52.2	32.7	17.2	10.6	12.1	2
232	Dominator	SRW	IN	1989	5	61.7	31.4	64.9	76.7	9.9	28.4	0.39	50.6	31.6	17.6	9.9	11.4	
232	Todd	SRW	KY	1956	1	61.8	41.5	64.9	77.3	10.1	27.9	0.42	49.3	34.3	17.8	9.9	11.4	3
234	INW 8841	SRW	IN	1989	5	61.7	31.4	64.9	76.7	9.9	28.4	0.39	50.6	31.6	17.6	9.9	11.4	
234	MO 8841 Brand	SRW	IN	1989	5	61.7	31.4	64.9	76.7	9.9	28.4	0.39	50.6	31.6	17.6	9.9	11.4	
234	Vermillion (UNB)	SRW	IN	1955	1	62.1	34.1	64.9	77.1	9.5	27.6	0.38	54.6	29.8	17.3	9.9	11.4	
237	Coker 9835	SRW	AR	1990	14	61.1	36.0	64.8	76.6	10.3	28.9	0.40	54.9	37.8	18.0	8.1	9.6	2
237	Fleming	SRW	GA	1997?	2	62.2	37.9	64.8	77.3	10.4	28.2	0.37	55.8	28.3	16.9	8.3	9.8	
237	RW 1505 (Classic - No	SRW	OH	1998?	1	58.2	37.5	64.8	76.5	9.9	28.6	0.40	51.1	34.9	17.7	7.9	9.4	
237	Scotty	SRW	IL	1982	16	61.0	34.2	64.8	77.1	10.3	28.3	0.42	48.7	27.8	18.0	9.5	11.0	2

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
237	SR 205 (Terra)	SRW	IA	199?	2	60.1	31.6	64.8	76.9	10.3	28.5	0.43	53.8	34.0	17.7	8.5	10.0	
242	CM 529 (Country Mark)	SRW	IN	1998?	1	59.1	32.0	64.7	76.5	9.7	28.4	0.35	53.5	36.4	17.8	8.2	9.7	
243	American Banner	SWW	MI	1881	3	61.6	42.0	64.6	77.5	9.5	27.1	0.42	50.7	29.5	17.2	10.4	11.9	2
243	Hunter (Agripro)	SRW	SC	1979	7	63.3	36.1	64.6	76.5	10.3	28.8	0.40	50.1	31.4	17.7	9.7	11.2	4
243	Patriot 210	SRW	?	1997?	2	59.5	34.6	64.6	77.2	10.0	27.8	0.39	51.5	36.4	17.6	9.1	10.6	
243	Pioneer 2566	SRW	?	199?	1	59.6	36.7	64.6	76.5	10.2	28.8	0.41	51.7	37.6	17.6	7.7	9.2	
247	CM 568 (Country Mark)	SRW	IN	1999?	1	62.4	39.2	64.5	76.7	10.4	28.7	0.42	50.7	34.6	17.8	8.1	9.6	
247	Coker 9904	SRW	AR	1992?	3	60.6	40.4	64.5	77.0	10.7	28.6	0.46	51.1	36.5	17.6	9.4	10.9	3
247	HW 3008	SRW	IN	1981	3	60.4		64.5	76.7	10.5	28.7	0.43	51.0	35.2	18.4	8.7	10.2	
247	L 409 (Leader)	SRW	OH	199?	1	57.9	30.9	64.5	76.6	10.5	28.9	0.44	54.4	37.9	17.7	8.7	10.2	
247	Williams	SRW	SC	1984	3	59.1		64.5	76.7	10.2	28.6	0.38	51.1	36.6	17.8	8.0	9.5	2
252	GA 100	SRW	GA	1990	2	59.3	34.7	64.4	76.7	10.3	28.6	0.41	51.5	29.7	17.9	9.6	11.1	4
252	Racine	SRW	WI	1956	1	58.5	32.4	64.4	76.4	10.4	29.0	0.47	50.1	34.7	18.0	9.5	11.0	4
252	Reed (AC)	SWS	CAN	?	3	62.9	36.0	64.4	77.5	9.4	26.9	0.39	50.7	26.3	17.7	9.5	11.0	
255	FFR-522	SRW	GA?	1999?	3	63.4	38.3	64.3	76.9	10.2	28.2	0.40	53.7	33.0	17.3	8.5	10.0	
256	Ena	SWW	CAN	1992?	3	60.5	36.9	64.2	77.2	10.1	27.9	0.44	52.5	33.5	17.6	9.0	10.5	3
256	W 9540 (Wellman)	SRW	OH	199?	1	60.8	41.3	64.2	76.4	10.0	28.6	0.42	52.1	34.0	17.6	7.8	9.3	
258	Riley	SRW	IN	1965	1	61.2	34.4	64.1	77.1	9.9	27.7	0.41	56.2	30.2	17.1	10.3	11.8	3
259	Canawa	SRW	WV	1936	1	64.5	34.1	64.0	77.3	10.2	27.7	0.41	51.2	29.8	17.6	9.7	11.2	
259	Pioneer 2684	SRW	SC	199?	8	62.9	41.1	64.0	76.7	10.1	28.3	0.40	51.1	29.3	18.0	9.2	10.7	
261	Andy	SRW	GA	1990	4	60.0	34.6	63.9	76.4	10.3	28.8	0.43	52.1	35.7	17.8	9.5	11.0	3
261	Frankenmuth	SWW	MI	1979	39	61.0	37.7	63.9	76.9	9.9	27.9	0.41	50.0	30.9	17.6	9.2	10.7	2
261	SR 82 (Prec. Soya)	SRW	IN?	1983	3	59.9	36.2	63.9	76.2	10.5	29.2	0.38	52.2	34.4	17.6	8.2	9.7	5
264	Gordon	SWW	CAN	1980	6	59.9		63.8	76.8	9.9	27.9	0.41	49.4	30.9	17.7	8.6	10.1	3
264	Pioneer 26R24	SRW	IN	1999?	5	63.0	40.1	63.8	76.8	10.0	28.1	0.40	55.5	32.3	17.3	9.5	11.0	6
264	Quantum 706 (Hybritec)	SRW	IN?	1997?	5	60.5	37.6	63.8	77.2	10.2	27.8	0.43	54.6	32.6	17.1	10.6	12.2	2
264	Voris 8040	SRW	IN	199?	2	60.2	31.0	63.8	76.8	10.3	28.4	0.42	53.7	33.8	17.8	8.5	10.0	
268	SR 211 (Terra)	SRW	IN	1999?	1	61.8	26.5	63.7	77.0	9.3	27.2	0.40	52.0	36.2	17.5	10.0	11.5	3
269	Penmore	SRW	PA	1992?	4	61.2	35.5	63.6	76.7	10.4	28.4	0.38	52.4	32.3	17.6	9.8	11.3	4
269	Shelby (Agripro)	SRW	AR?	1997?	5	62.4	41.5	63.6	77.0	10.4	28.1	0.39	54.1	29.9	17.3	9.1	10.6	6
271	Brand 350	SRW	IN	1994?	2	60.9	38.4	63.5	76.5	10.7	28.9	0.42	50.3	30.7	18.0	8.9	10.4	3
271	Delaware	SWW	CAN	1992	3	58.4	42.3	63.5	76.8	10.2	28.1	0.41	52.8	37.7	18.2	8.0	9.5	2
271	Harmil	SWW	CAN	1992?	2	61.2	37.7	63.5	76.3	10.2	28.7	0.41	51.2	34.3	17.6	8.0	9.5	3
274	Butler	SRW	OH	1947	1	62.2	34.8	63.4	77.3	11.1	28.3	0.42	50.5	28.7	17.2	11.4	12.9	2
274	FFR-525W	SRW	IN	199?	5	60.6	40.0	63.4	76.6	10.3	28.4	0.41	52.5	35.8	17.4	9.1	10.6	3
276	Brandy	SRW	IN	1990?	4	62.8	30.3	63.3	77.1	10.6	28.2	0.40	53.9	24.5	17.3	9.6	11.1	3
277	Genesee	SWW	NY	1951	14	60.4	42.4	63.2	76.9	10.1	27.8	0.40	49.1	29.4	17.7	9.6	11.1	3
277	Prairie	SRW	IL	1943	1	63.2	33.4	63.2	76.5	9.9	28.1	0.39	63.2	32.7	16.8	10.2	11.7	3
279	425 BW (Pro Seeds)	SWW	MI?	1996?	1	58.9	35.5	63.1	76.6	10.4	28.4	0.43	50.2	32.9	17.2	10.2	11.7	
280	Arise W16	SRW	IL	1995?	1	61.6	34.7	63.0	76.7	10.1	28.0	0.38	55.5	30.6	17.0	8.4	9.9	3

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
281	CM 577 (Country Mark)	SRW	IN	1999?	1	60.1	38.9	62.9	76.5	9.4	27.6	0.35	51.5	36.6	17.8	9.5	11.0	2
282	Roland	SRW	IL	1977	13	60.7		62.8	76.7	10.7	28.4	0.42	48.8	30.8	18.0	9.8	11.3	
283	Patriot 160	SRW	?	199?	1	61.2	36.8	62.7	77.0	9.8	27.3	0.42	51.2	32.6	17.7	9.3	10.8	
284	Dexter (AC)	SWW	CAN	1997?	4	58.1	43.0	62.6	76.5	10.6	28.5	0.44	51.9	38.9	17.8	8.0	9.5	2
284	Quantum 7203 (Hybrite)	SRW	IN?	1999?	2	61.6	38.8	62.6	76.9	10.1	27.7	0.39	53.8	31.5	17.6	7.7	9.2	
286	Grant	SRW	IN	1993?	5	61.0	32.4	62.5	76.5	10.1	28.1	0.39	54.8	35.1	17.9	9.8	11.3	2
287	GL 9400 (Greenland)	SRW	OH	199?	1	61.3	31.4	62.4	76.2	10.7	28.9	0.43	51.0	37.1	17.5	7.7	9.2	
287	Reo	SRW	IN?	1998?	1	58.0	38.2	62.4	76.3	9.8	28.0	0.39	51.5	35.3	17.6	7.2	8.7	
287	Roberts	SRW	GA	1999	5	61.2	38.4	62.4	76.6	10.1	28.0	0.40	54.4	33.8	17.5	8.2	9.7	6
290	Pioneer 25R44	SRW	IN	2000?	2	63.5	39.3	62.3	76.1	10.2	28.6	0.41	56.6	34.2	17.7	8.3	9.8	3
290	W 9420 (Wellman)	SRW	OH	199?	2	60.0	32.8	62.3	76.3	10.7	28.8	0.42	52.8	38.0	18.2	8.5	10.0	
292	Sawyer (Agripro)	SRW	IN	1992	8	58.5	31.2	62.2	76.3	10.5	28.5	0.43	50.2	33.9	17.8	9.0	10.5	3
293	Auburn	SRW	IN	1980	15	62.4	31.5	61.9	76.5	10.4	28.1	0.37	50.1	28.8	17.6	10.0	11.5	5
293	Kent	SRW	CAN	1957	2	63.1	38.6	61.9	76.9	10.3	27.6	0.44	55.0	28.7	17.1	11.1	12.6	2
295	Annett	SWW	CAN	1992?	3	61.4	44.1	61.8	76.8	10.2	27.6	0.44	50.4	32.5	17.9	8.9	10.4	3
295	Gold Drop	SRW	ENGLAND	1834	3	62.0	33.4	61.8	77.3	9.7	26.6	0.44	57.1	26.0	16.2	11.1	12.6	2
295	Nelson	SRW	AR	1982	6	61.3	30.7	61.8	76.9	10.6	27.9	0.40	51.2	29.2	17.8	10.3	11.8	7
295	Patton (Agripro)	SRW	IN?	1999	5	60.7	42.3	61.8	76.7	10.4	27.9	0.39	54.0	33.1	17.8	9.4	10.9	2
299	Coker 833	SRW	SC	1984	7	60.4	32.8	61.7	76.5	11.2	28.7	0.41	51.1	29.4	17.5	9.7	11.2	3
299	Lehi 2368	SRW	LA	1991	1	61.2		61.7	76.6	10.8	28.3	0.43	53.6	31.4	16.9	10.4	11.9	
301	Adena	SRW	OH	1984	19	61.0	30.5	61.6	76.4	10.6	28.3	0.38	50.0	30.2	18.0	8.6	10.1	2
301	Ashland	SRW	KY	1919	2	61.9	37.2	61.6	77.2	9.8	26.8	0.41	53.9	31.6	17.4	10.3	11.8	3
303	Coker 9803	SRW	AR	1990	14	61.6	34.4	61.5	76.1	10.6	28.7	0.38	52.7	32.9	17.6	9.5	11.0	4
303	Coker 9877	SRW	AR	1989	5	60.0	34.3	61.5	76.6	10.9	28.3	0.42	51.4	30.3	17.9	9.1	10.6	1
303	Mason (Agripro)	SRW	AR	1997?	4	62.1	41.2	61.5	76.2	10.5	28.5	0.34	54.1	33.7	17.1	8.9	10.4	
303	Massey	SRW	VA	1981	11	61.4	36.9	61.5	76.4	10.5	28.3	0.40	51.1	32.1	17.6	9.6	11.1	4
307	Delta Queen (Agripro)	SRW	SC	1978	6	58.3	32.5	61.4	76.6	10.5	28.0	0.41	51.5	27.3	17.2	10.1	11.6	2
307	Purplestraw	SRW	?	1822	3	62.4	37.4	61.4	76.8	9.9	27.3	0.39	51.0	32.4	16.8	11.3	12.8	2
307	Timwin	SRW	WI	1967	1	56.5		61.4	76.5	11.0	28.5	0.38	52.3	40.0	18.4	10.1	11.6	
307	TS 6020 (Thompson)	SRW	OH	1999?	1	58.9	37.3	61.4	76.2	9.9	27.9	0.38	51.0	34.5	18.0	7.7	9.2	
311	Brave	SRW	MI?	1997?	1	59.5	39.2	61.3	76.5	10.1	27.7	0.38	54.4	30.6	17.2	8.2	9.7	
312	Enigma	SRW	PA	1958	1	64.4	40.0	61.2	76.9	10.9	27.9	0.45	52.2	28.3	17.1	11.1	12.6	2
312	Moking	SRW	KS/MO	1946	3	64.2	38.0	61.2	76.8	10.4	27.6	0.40	54.9	29.4	17.1	11.1	12.6	2
312	SW 403 (Stewart Seed)	SRW	IN?	1998?	1	61.0	30.2	61.2	76.6	9.8	27.3	0.39	50.6	34.9	17.7	10.3	11.8	3
315	Pioneer 2628	SRW	SC?	199?	4	60.7	40.1	61.1	76.1	10.8	28.6	0.42	51.2	35.1	17.6	9.0	10.5	
316	Big Red (Pro Seeds)	SRW	MI?	1996?	1	56.9	37.8	60.8	76.9	10.8	27.7	0.42	53.7	36.1	17.1	10.0	11.5	2
316	CM 558 (Country Mark)	SRW	IN	199?	1	63.8	40.5	60.8	77.2	10.5	27.1	0.46	53.0	31.7	17.7	8.2	9.7	
316	Valprize	SRW	NY	1930	1	62.2	40.1	60.8	76.3	10.6	28.2	0.41	53.4	34.5	17.4	9.1	10.6	5
319	AT 91W (Agritech)	SRW	IN	2000?	1	62.6	35.7	60.7	76.3	10.5	28.1	0.35	59.4	29.5	17.6	9.4	10.9	4
319	Pioneer 25R75	SRW	IN	2000?	2	62.6	36.9	60.7	75.9	10.1	28.2	0.37	51.8	33.0	17.9	8.9	10.4	2

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
319	Ron (AC)	SWW	CAN	1994?	4	59.9	38.6	60.7	76.3	10.4	28.0	0.43	50.4	34.8	18.0	8.5	10.0	3
322	Ag-Alumini 9112	SRW	KY?	1994?	1	58.1		60.6	75.6	10.8	29.1	0.40	51.9	37.8	17.6	7.9	9.4	4
322	FFR-568W	SRW	IN	199?	1	62.9	38.9	60.6	76.6	10.6	27.8	0.41	52.4	31.1	17.7	9.6	11.1	3
322	Voris 8088	SRW	IN	1980	4	60.7	31.4	60.6	76.6	11.1	28.2	0.43	50.5	33.2	18.2	9.4	10.9	3
325	GR 933	SRW	OH	1993	2	60.4	31.5	60.5	76.7	11.2	28.2	0.44	54.6	33.9	17.8	8.8	10.3	
326	Honor	SWW	NY	1920	1	62.1	39.9	60.3	77.1	10.2	26.8	0.42	50.3	30.7	17.0	9.2	10.7	3
326	Voris 7070	SRW	IN	198?	2	60.8		60.3	76.7	10.4	27.5	0.45	49.1	30.7	18.0	10.4	11.9	
328	Pioneer 2643	SRW	SC?	199?	8	62.4	33.8	60.2	76.1	10.9	28.5	0.40	52.5	31.9	17.6	9.4	10.9	7
329	T 441	SRW	?	199?	3	61.3	32.6	60.1	75.9	10.8	28.7	0.36	49.3	31.5	17.6	9.6	11.1	
330	Reino (Steyer)	SRW	OH?	1999	2	60.0	33.8	60.0	76.3	10.0	27.5	0.36	51.5	31.6	17.8	8.3	9.8	2
330	Tyler	SRW	VA	1980	31	60.6	33.8	60.0	76.1	11.0	28.5	0.49	51.4	31.7	17.6	8.6	10.1	3
330	Va 96w-247	SRW	VA	2001?	2	61.7	40.6	60.0	76.3	10.9	28.2	0.38	56.2	33.3	17.2	7.9	9.4	2
333	Cyrus (Coomer)	SRW	IN	1998?	1	59.4	36.6	59.9	77.3	9.9	26.2	0.40	54.1	38.9	17.6	8.9	10.4	3
333	Harold (NC)(Thompson)	SRW	CAN	1998?	1	63.0	35.3	59.9	77.0	9.6	26.3	0.38	53.6	32.0	17.2	10.0	11.5	3
333	Zavitz (OAC)	SWW	CAN	199?	3	59.9	43.5	59.9	76.7	10.7	27.5	0.42	51.6	32.4	17.8	8.6	10.1	2
336	Hartzler 2300	SRW	MO	198?	1	61.3		59.7	76.1	11.2	28.6	0.40	55.0	39.9	17.4	7.6	9.1	
336	Patriot	SRW	?	199?	2	61.1	32.0	59.7	76.1	10.9	28.3	0.40	53.2	32.3	17.3	10.0	11.5	
336	RW 1487 (Classic - No	SRW	OH	1998?	1	60.6	28.2	59.7	76.4	9.6	26.9	0.39	52.1	38.6	17.3	8.9	10.4	1
339	Coker 797	SRW	SC	1980	12	61.3		59.6	76.7	10.8	27.6	0.40	49.7	32.8	17.6	9.0	10.5	5
340	Stuckey	SRW	GA	199?	1	61.4	34.6	59.5	76.6	10.4	27.3	0.42	54.3	32.5	17.5	9.2	10.7	4
340	T 63	SRW	?	199?	1	59.0		59.5	75.8	10.4	28.2	0.43	51.2	32.5	17.4	9.9	11.4	
340	W 504	SRW	IL?	1974	4	60.5		59.5	76.3	10.5	27.7	0.41	50.2	34.1	17.7	10.3	11.8	
343	Coker 9704	SRW	AR	1997?	5	63.0	36.5	59.4	76.0	10.7	28.2	0.38	53.9	33.2	17.6	9.1	10.6	5
343	Dynasty	SRW	OH	1987	14	61.4	33.9	59.4	76.2	11.0	28.3	0.41	52.6	35.5	17.7	9.2	10.7	2
345	FS 402 (IL Imp Assoc)	SRW	IL	1983	1			59.2	75.9	11.0	28.5	0.40		31.5	17.8			
345	INW 9531	SRW	IN	1995?	4	61.2	31.3	59.2	76.0	10.2	27.7	0.35	50.9	34.0	17.7	9.9	11.4	
347	Monon	SRW	IN	1959	13	60.9	30.9	58.9	76.1	10.7	27.9	0.38	50.2	32.4	17.5	10.5	12.0	3
348	Morey	SRW	GA	199?	1	60.5	36.1	58.7	76.8	10.6	27.0	0.46	52.2	29.6	17.5	10.3	11.8	5
348	Nudel	SRW	DE	1947	2	62.1	41.5	58.7	76.3	11.2	28.1	0.48	52.9	33.4	17.3	10.8	12.3	2
348	Saluda	SRW	VA	1983	18	62.5	33.2	58.7	75.9	10.6	28.0	0.38	53.3	33.5	17.4	9.5	11.0	3
351	Berkely Rock	HRW	MI	1922	1	62.2	35.5	58.5	78.3	9.6	24.4	0.48	64.1	20.8	15.7	10.6	12.1	3
351	Fultz	SRW	PA	1870	4	61.3	34.6	58.5	76.3	10.3	27.3	0.41	50.7	31.2	17.0	10.8	12.3	2
351	Hoffman 57	SRW	VA?	1997?	1	63.0	40.3	58.5	76.2	10.8	27.8	0.35	54.9	25.1	17.0	7.8	9.3	
351	RS 901 (Rupp Seeds)	SRW	OH	1999?	1	58.0	32.4	58.5	76.1	10.2	27.4	0.38	52.7	36.6	18.0	7.4	8.9	
355	Coker 68-15	SRW	SC	1971	3	59.5	35.3	58.4	76.0	11.4	28.5	0.39	51.8	35.3	17.6	10.9	12.4	3
355	Forward	SRW	NY	1920	3	61.8	40.0	58.4	77.2	10.3	26.2	0.46	52.8	27.4	16.6	11.1	12.6	2
357	Bayles	SRW	GA	1989	2	61.1	35.9	58.3	76.4	11.1	27.7	0.39	51.9	31.8	17.9	9.8	11.3	2
357	Cornell 595	SWW	NY	1942	1	62.3	41.2	58.3	76.9	10.4	26.6	0.41	50.6	31.4	18.0	8.8	10.3	5
359	Anthony (Steyer Seeds	SRW	OH	1999?	1	58.4	29.7	58.2	76.2	10.2	27.2	0.35	54.2	37.5	18.0	8.2	9.7	
359	INW 9241	SRW	IN	199?	2	61.6		58.2	76.1	10.6	27.7	0.36	50.4	33.3	17.8	10.8	12.3	

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
359	Rowland (Steyer Seed)	SRW	OH	199?	1	62.7	38.8	58.2	76.5	10.5	27.1	0.42	49.5	32.8	18.6	8.3	9.8	
359	Voris 9250	SRW	IN?	198?	2	60.0	34.3	58.2	76.1	11.0	28.0	0.36	51.9	31.3	18.2	9.7	11.2	2
363	Traveler (Agripro)	SRW	FL	1988	5	61.0	36.8	58.1	75.8	11.0	28.3	0.38	52.1	31.0	17.6	10.2	11.7	2
364	Coker 762	SRW	SC	1980	6	58.7		58.0	75.6	11.6	28.9	0.38	51.6	36.8	17.7	9.0	10.5	2
364	Fredrick	SWW	CAN	1971	16	61.5	40.8	58.0	76.4	10.9	27.5	0.40	49.5	32.3	17.8	9.7	11.2	2
366	Harus	SWW	CAN	1985	18	60.8	38.8	57.9	76.1	10.7	27.7	0.41	51.1	31.8	17.8	8.9	10.4	2
366	Pioneer 2691	SRW	SC	199?	3	62.1	37.8	57.9	76.2	11.2	28.0	0.41	54.5	33.8	17.4	8.8	10.3	
368	Ticonderoga	SWW	NY	1974	9	58.5	41.5	57.8	76.5	10.3	26.8	0.43	51.0	32.3	17.5	9.1	10.6	
368	Voris 8044	SRW	IN	1999?	1	58.1	37.5	57.8	76.0	10.7	27.7	0.41	51.6	42.2	18.7	7.0	8.5	
370	Dyna Gro 424	SRW	MI?	1997?	1	61.2	44.1	57.7	75.7	10.9	28.2	0.36	52.7	33.0	18.0	7.4	8.9	
370	Excel	SRW	OH	1990	14	59.5	31.1	57.7	76.1	11.2	28.0	0.41	52.0	37.4	17.8	9.1	10.6	2
372	Southern Belle (Agripro)	SRW	SC	1980	4	61.0	34.6	57.6	75.8	10.9	28.1	0.39	51.3	31.8	17.6	10.3	11.8	5
372	TN 101	SRW	AR	199?	3	58.8	33.0	57.6	76.2	11.0	27.6	0.36	50.8	33.1	17.5	10.4	11.9	3
374	Coker 9227	SRW	AR	1986	7	61.9	34.2	57.5	76.2	11.2	27.9	0.38	52.3	29.5	17.3	11.1	12.6	3
374	Purcell	SWW	NY	1979	9	60.4	38.5	57.5	76.1	10.6	27.5	0.41	51.2	34.0	17.7	8.8	10.3	2
376	Baldrock	SRW	MI	1931	1	62.3	37.6	57.4	76.9	10.6	26.5	0.48	52.8	25.8	17.1	11.6	13.1	3
376	Discovery (Maumee Va)	SRW	IN	199?	1	62.2	35.9	57.4	76.2	11.8	28.3	0.39	53.4	31.9	17.9	8.5	10.0	
376	FI 301	SRW	FL	1980	17	60.9	37.8	57.4	76.1	10.9	27.6	0.39	50.2	29.1	17.5	9.9	11.4	6
379	Batavia	SWW	NY	1994?	7	60.2	40.1	57.3	75.9	10.8	27.8	0.42	51.6	36.3	18.0	8.7	10.2	3
379	Beau	SRW	IN	1976	26	61.9	34.8	57.3	76.6	11.2	27.3	0.40	50.8	30.4	17.5	11.3	12.8	8
379	RS 917 (Rupp Seeds)	SRW	OH	199?	1	59.4	28.7	57.3	76.1	11.0	27.7	0.45	55.0	34.7	17.1	9.9	11.4	
379	Wheedling	SRW	IN	1890	1	61.8	35.6	57.3	76.2	11.0	27.6	0.46	51.2	31.1	17.9	11.0	12.5	2
383	Knox	SRW	IN	1953	3	61.6	32.1	57.2	76.0	10.9	27.7	0.41	51.6	32.5	17.3	10.5	12.0	2
383	USG 3408	SRW	VA	1998?	4	64.0	40.1	57.2	76.0	10.7	27.6	0.35	55.3	30.1	17.1	9.4	10.9	
385	FFR-502W	SRW	VA?	1997?	2	62.5	38.9	57.1	76.1	11.3	27.9	0.39	54.6	31.8	17.6	8.9	10.4	
386	Diana	SWW	CAN	199?	2	58.4	38.0	57.0	75.8	11.3	28.2	0.45	50.4	35.4	17.7	8.8	10.3	
386	Penquite	SRW	OH	1857	2	61.4	32.5	57.0	76.4	10.2	26.6	0.38	52.9	30.5	17.3	11.5	13.0	2
388	Coker 9733	SRW	SC	1987	12	62.0	35.4	56.8	75.6	11.2	28.3	0.40	50.2	29.6	17.3	10.2	11.7	2
388	Thorne	SRW	OH	1937	2	60.9	40.5	56.8	76.5	11.1	27.2	0.44	52.0	31.6	17.3	10.5	12.0	2
390	Kay	SRW	OK/KS	?	1	64.5	32.4	56.7	76.8	11.3	27.0	0.43	52.5	30.7	16.9	11.1	12.6	
390	Pioneer 2540	SRW	IN	199?	7	60.3	37.0	56.7	75.6	11.0	28.0	0.44	52.3	35.2	17.9	8.9	10.4	3
392	McNair 1813	SRW	SC	1975	6	60.0		56.6	75.9	11.1	27.8	0.38	50.2	34.9	17.5	9.4	10.9	2
392	Pioneer 2571	SRW	?	1992?	8	60.9	35.9	56.6	75.7	10.8	27.8	0.39	53.4	33.6	17.7	8.4	9.9	3
392	T 408 (Ohlde - Trio)	SRW	?	199?	2	60.9	32.1	56.6	75.9	11.2	28.0	0.38	52.8	30.8	17.6	9.4	10.9	
392	Taylor	SRW	MD	1953	4	62.9	35.5	56.6	76.0	10.8	27.4	0.37	54.1	32.6	17.4	10.6	12.1	
396	Lincoln(Agripro)	SRW	IN	1988	5	60.6	33.1	56.5	75.6	11.0	28.0	0.38	50.8	31.8	17.8	9.1	10.6	3
396	Redcoat	SRW	IN	1960	5	61.0	36.4	56.5	76.2	10.7	27.1	0.41	51.4	32.2	17.3	11.0	12.5	3
398	Blueboy II	SRW	NC	1972	3	59.1	32.3	56.4	76.0	11.2	27.8	0.38	50.9	33.4	17.8	9.8	11.3	3
398	GR 876 (Agra)	SRW	OH	1988	8	61.3	36.8	56.4	75.7	11.1	28.0	0.39	51.7	28.3	17.4	9.7	11.2	1
398	Hoppes (Steyer Seeds)	SRW	OH?	1994?	3	60.3	33.8	56.4	76.2	11.5	27.8	0.43	54.0	32.7	17.4	8.1	9.6	2

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
398	Sullivan	SRW	IN	1977	16	61.3	33.4	56.4	76.1	11.2	27.6	0.41	49.6	28.8	17.8	11.0	12.5	4
402	Coker 47-27 (nat'l colle	SRW	SC	1950	1	64.7	37.4	56.3	76.3	10.8	27.0	0.38	52.6	30.3	17.3	9.6	11.1	
402	W 9710 (Wellman)	SRW	OH	1999?	1	58.3	29.9	56.3	76.3	10.2	26.5	0.35	55.4	37.8	18.3	8.1	9.6	
404	Arthur 71	SRW	IN	1971	19	61.8		56.2	75.9	11.7	28.2	0.41	50.2	30.8	17.8	10.2	11.7	3
405	RS 987 (Rupp Seeds)	SRW	OH	1999?	1	58.2	37.1	56.1	75.9	10.8	27.4	0.41	51.4	42.5	18.2	7.0	8.5	
406	McNair 701	SRW	NC	1973	2	58.9	38.9	55.9	76.0	11.0	27.5	0.43	52.1	33.5	17.2	9.0	10.5	2
407	Coker 9474	SRW	AR?	1994?	3	62.1	35.8	55.8	76.0	11.3	27.6	0.39	51.9	30.2	17.4	9.8	11.3	3
407	Coker 9663	SRW	AR	1997?	9	61.8	38.3	55.8	76.3	11.6	27.6	0.39	54.9	28.2	17.1	8.6	10.1	6
407	FFR-518	SRW	GA?	1999?	3	61.7	40.1	55.8	75.9	11.3	27.8	0.41	52.3	31.2	17.7	8.6	10.1	
407	Seneca	SRW	OH	1950	5	59.8	39.7	55.8	75.8	10.7	27.4	0.38	52.5	34.8	17.6	10.7	12.2	2
411	Sibley No. 81	SRW?	OK	1881	2	62.3	34.5	55.7	76.9	10.5	25.9	0.42	58.3	22.6	16.5	10.5	12.0	2
412	Rudy	SRW	OH	1871	1	62.1	42.6	55.6	76.3	11.5	27.4	0.39	52.6	27.4	17.3	9.6	11.1	3
413	Doublecrop	SRW	AR	1975	7	62.2	33.6	55.5	76.2	11.4	27.5	0.39	51.1	28.2	17.5	9.8	11.3	4
414	Jackson	SRW	VA	1994?	14	62.8	36.4	55.3	75.5	10.8	27.6	0.39	54.1	32.9	17.4	9.3	10.8	3
415	Gore	SRW	GA	1990	3	60.0	36.1	55.2	75.7	11.1	27.6	0.42	53.0	30.9	17.0	9.1	10.6	4
416	Howell	SRW	IL	1989?	6	62.3	35.2	55.1	76.4	11.4	27.1	0.39	53.3	28.5	17.4	10.1	11.6	6
416	Potomac	SRW	?	1975	4	60.6		55.1	75.9	11.5	27.7	0.39	49.6	32.0	17.9	11.1	12.6	2
418	Rochester Red	SRW	TN?	ca 1891	2	63.6	39.6	54.8	76.0	10.8	26.9	0.41	51.6	30.1	17.6	10.5	12.0	
419	Mediterranean	SRW	MD	1837	2	62.3		54.6	76.1	11.0	26.9	0.45	53.5	27.0	16.7	12.5	14.0	3
420	Keiser	SRW	AR	1987	9	60.4	34.6	54.4	75.8	11.0	27.2	0.39	50.1	29.8	17.4	9.7	11.2	
420	Ramrod	SWW	MI	1996?	4	59.8	38.9	54.4	76.1	10.8	26.6	0.44	52.1	33.2	17.7	8.8	10.3	1
422	Omega 78	SRW	GA	1978	13	59.2	32.3	54.3	76.0	11.4	27.2	0.40	49.8	31.6	17.5	10.1	11.6	8
423	Freedom	SRW	OH	1991	10	59.0	36.7	54.2	75.6	11.6	27.8	0.40	53.0	31.3	17.4	8.2	9.7	2
423	Pacer (Hybritech)	SRW	KS	1988	5	60.8	29.9	54.2	75.6	11.7	27.9	0.41	50.7	30.3	17.6	9.5	11.0	2
425	Hillsdale	SRW	MI	1983	21	61.0	37.6	54.1	75.6	11.0	27.3	0.39	49.7	28.5	17.8	9.3	10.8	2
426	Kancom	SRW	IN	1960	2	61.3	37.5	54.0	76.3	10.6	26.2	0.41	51.6	31.9	17.9	10.7	12.2	1
427	Vigo	SRW	IN	1946	2	61.1	41.9	53.9	76.5	11.5	26.7	0.37	52.0	33.1	18.0	11.4	12.9	2
428	Cayuga	SWW	NY	1996?	9	63.3	39.8	53.8	76.0	11.3	27.0	0.39	54.0	36.4	17.8	9.2	10.7	3
428	Downy	SRW	IN	1976	9	60.7		53.8	75.6	11.5	27.6	0.41	49.7	29.4	17.6	10.6	12.1	
430	Coker 916	SRW	SC	1980	11	60.7	36.0	53.7	75.8	11.5	27.4	0.39	51.9	30.2	17.4	9.4	10.9	6
430	Taylor 49	SRW	NC	1956	2	61.9	39.7	53.7	76.6	11.7	26.7	0.37	55.4	33.0	17.1	11.0	12.5	3
432	China	SRW	CHINA	1845	1	62.8	38.5	53.6	75.3	11.5	27.9	0.40	52.7	32.8	17.1	9.2	10.7	3
433	Logan	SRW	OH	1968	19	61.2	35.9	53.5	75.6	11.2	27.2	0.40	50.3	34.2	17.8	9.8	11.3	2
433	Pike	SRW	MO	1980	10	61.8	34.9	53.5	75.8	11.8	27.6	0.40	53.3	36.5	17.8	8.9	10.4	3
433	Pioneer S-78	SRW	IN	1978	8	59.3	34.2	53.5	75.2	10.7	27.3	0.47	54.6	35.6	16.4	9.5	11.0	2
433	Stacy	SRW	GA	1980	8	60.8		53.5	75.7	11.3	27.2	0.37	51.6	29.6	17.1	10.0	11.5	3
437	GR 855 (Agra)	SRW	OH	1985	9	59.7	31.9	53.4	75.4	11.1	27.4	0.41	49.2	30.8	17.9	9.1	10.6	2
437	HW 3015	SRW	IN	1984	1	59.7	36.0	53.4	75.0	11.4	28.1	0.37	52.5	39.1	17.8	8.4	9.9	
439	Chancellor	SRW	GA	1947	3	59.8		53.3	75.4	11.4	27.6	0.38	49.6	32.7	17.5	11.5	13.0	2
440	GR 962	SRW	OH	1996	2	61.1	40.1	53.2	75.3	11.7	28.0	0.43	52.5	37.3	18.0	8.1	9.6	

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
440	Knox 62	SRW	IN	1962	17	61.5	34.0	53.2	75.9	11.6	27.2	0.39	50.6	31.4	17.7	10.4	11.9	2
440	McNair 4823	SRW	NC	1973	2	60.8	30.2	53.2	75.8	11.7	27.4	0.42	53.8	37.5	17.2	9.0	10.5	6
440	Oasis	SRW	IN	1973	29	61.1	33.9	53.2	75.7	11.7	27.5	0.40	50.5	29.4	17.7	10.8	12.3	4
444	Ionia	SWW	MI	1972	15	60.2	32.5	53.1	75.8	11.3	27.0	0.41	49.5	30.7	17.6	9.3	10.8	5
445	Stine 479	SRW	IN	1997?	1	60.9	37.1	53.0	75.2	11.1	27.5	0.37	59.0	27.2	17.3	8.0	9.5	1
446	Hoffman 14	SRW	PA?	1996?	3	61.4	39.6	52.9	75.8	11.5	27.1	0.40	56.4	37.8	17.4	8.3	9.8	
446	Leap	SRW	VA	1907	1	61.1		52.9	76.7	11.6	26.2	0.47	50.2	30.1	16.8	11.6	13.1	2
446	USG 3209	SRW	GA?	1999?	2	63.3	47.8	52.9	76.4	11.6	26.6	0.43	57.2	27.1	17.1	8.1	9.6	
449	Frisco	SRW	TX	1953	1	62.1	38.3	52.8	76.4	11.1	26.1	0.42	51.9	28.1	17.1	10.9	12.4	4
449	G2500 (Goertzen)	SRW	KS?	1997?	3	62.7	36.2	52.8	75.4	11.3	27.4	0.37	54.2	32.8	17.0	10.2	11.7	
451	Abe	SRW	IN	1973	26	61.4	36.9	52.7	75.7	11.7	27.4	0.43	49.2	29.0	17.9	10.0	11.5	5
451	McLane (Steyer Seeds)	SRW	OH	199?	1	61.6	37.2	52.7	75.6	12.1	27.8	0.43	52.4	35.5	18.4	7.3	8.8	
453	FFR-511W	SRW	IN?	1994?	2	60.9	37.3	52.6	76.1	11.2	26.5	0.41	50.2	31.5	18.0	9.7	11.2	4
453	McNair 2203	SRW	NC	1969	1	61.8	38.1	52.6	75.6	12.0	27.7	0.42	52.3	33.0	17.2	8.7	10.2	4
455	Armon (Steyer Seeds)	SRW	OH?	1994?	1	62.2		52.5	75.9	11.5	26.9	0.40	54.0	30.0	17.3	10.9	12.4	2
456	Pioneer 2548	SRW	IN	1988	32	59.7	32.4	52.4	75.1	11.1	27.4	0.42	54.2	36.3	17.4	8.5	10.0	3
456	Shiloh (Agripro)	SRW	IN	199?	3	60.8	36.9	52.4	75.2	11.6	27.7	0.41	52.3	36.4	18.1	8.2	9.7	3
458	Becker	SRW	OH	198?	26	59.0	34.6	52.3	75.7	11.4	27.0	0.41	51.4	35.0	17.8	8.4	9.9	2
459	Pioneer 2550	SRW	IN	1982	23	62.1	36.5	51.9	75.3	11.4	27.4	0.38	52.5	31.8	17.7	9.2	10.7	2
460	Glory	SRW	OH	1993	7	60.6	36.9	51.8	75.3	11.7	27.6	0.39	53.7	30.3	16.7	9.6	11.1	3
461	Voris 9550	SRW	IN?	198?	2	59.7	32.8	51.7	75.6	11.8	27.3	0.36	53.2	32.8	17.7	9.9	11.4	2
462	Pioneer 2553	SRW	IN	1982	7	62.1	41.4	51.5	75.6	11.9	27.3	0.38	52.9	34.8	17.8	9.2	10.7	5
462	Twain (Agripro)	SRW	IN	1988	6	62.2	35.3	51.5	76.2	11.6	26.4	0.41	51.5	28.9	17.7	10.2	11.7	2
464	Fultzo-Mediterranean	SRW	IN	1898	2	60.9	36.6	51.4	75.9	11.4	26.6	0.41	58.2	33.8	16.8	10.2	11.7	4
464	Magnum (Agripro)	SRW	IN	1983	10	61.4	31.4	51.4	75.0	12.0	28.0	0.38	50.0	33.3	17.9	9.6	11.1	6
466	Feland (Coker)	SRW	SC	1983	5	61.1	40.2	51.3	75.4	11.6	27.1	0.42	51.1	32.4	17.5	10.3	11.8	2
466	GR 863 (Agra)	SRW	OH	1987	6	60.9	40.1	51.3	75.3	11.8	27.4	0.39	50.4	30.9	17.7	9.6	11.1	
468	Callahan 115	SRW	IN	1984	2	62.0	39.7	51.2	75.3	12.3	27.8	0.41	51.0	30.7	18.1	10.1	11.6	
469	Pioneer 2545	SRW	IN	1991	12	60.4	37.3	51.0	75.4	11.5	26.9	0.44	52.5	32.5	17.5	9.0	10.5	2
470	Ernie	SRW	MO	199?	8	59.0	39.2	50.7	75.7	12.0	27.0	0.45	53.0	35.0	18.1	8.9	10.4	3
471	Hopewell	SRW	OH	199?	7	60.9	40.7	50.6	75.0	11.8	27.5	0.42	54.4	36.7	17.9	8.9	10.4	4
472	Terral 817	SRW	AR	1984	3	61.2	37.2	50.1	75.5	11.7	26.8	0.39	53.0	29.7	17.5	10.2	11.7	2
473	HW 3021 (R & H)	SRW	IN	1982	1	57.5	38.8	49.9	75.0	12.9	28.3	0.37	53.2	35.8	17.9	11.2	12.7	
474	Golden	SWW	OR	1930	1	61.5	34.9	49.7	75.1	11.8	27.2	0.47	54.8	32.7	16.9	8.5	10.0	
474	Quantum 708 (Hybritec)	SRW	IN?	1998?	1	58.4	39.0	49.7	75.5	10.9	26.0	0.37	59.1	36.1	17.9	7.5	9.0	
476	GR 942 (T814) (Trio)	SRW	OH	1994	7	60.8	37.2	49.3	75.7	12.1	26.7	0.41	55.9	38.8	17.9	7.6	9.1	
477	HW 3023 (R & H)	SRW	IN	198?	1	61.7		49.2	75.8	12.2	26.6	0.40	53.0	28.5	17.5	11.9	13.4	
477	Russian Red	SRW	NY	1888	2	62.9	43.8	49.2	76.0	11.7	25.9	0.42	54.4	29.9	16.6	9.8	11.3	2
479	Purdue No. 1	SRW	IN	1934	1	63.2	37.2	49.0	76.6	11.1	24.7	0.45	52.1	32.2	17.6	8.8	10.3	
480	Clark	SRW	IN	1987	23	59.9	37.5	48.8	75.3	12.0	26.9	0.39	52.8	31.7	17.7	9.5	11.0	3

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
480	Ruler	SRW	OH	1974	24	61.5	37.3	48.8	76.0	12.0	26.1	0.40	53.3	35.4	17.6	9.1	10.6	3
482	Bounty (Pro Seeds)	SRW	MI?	1996?	1	57.2	31.2	48.7	75.7	12.0	26.4	0.41	53.7	29.8	16.7	10.2	11.7	
482	Red Chief	SRW	IN?	198?	1	55.9		48.7	75.3	11.6	26.5	0.40	51.0	33.8		10.6	12.1	3
484	Atlas 50	SRW	NC	1948	1	63.0	37.5	48.5	75.5	11.7	26.3	0.41	53.2	30.5	17.2	11.6	13.1	
484	Illini Chief	SRW	IL	1915	1	61.4	36.5	48.5	75.9	11.4	25.6	0.41	52.9	26.9	17.2	11.2	12.7	
486	Titan	SRW	OH	1978	36	60.4	34.0	48.4	74.9	12.0	27.2	0.39	51.2	33.3	17.7	8.8	10.3	2
487	Lucas	SRW	OH	1959	2	61.7	37.7	48.2	75.3	12.0	26.8	0.40	52.9	34.6	17.1	10.3	11.8	2
488	Pioneer 2551	SRW	IN	1985	14	59.9	32.9	47.9	74.9	11.9	27.0	0.40	51.4	30.5	17.5	9.2	10.7	3
489	Hazen	SRW	AR	1994	3	60.7	36.2	47.8	74.8	11.8	27.0	0.40	52.3	33.8	17.6	9.4	10.9	
490	Stadler	SRW	MO	1964	3	60.5	34.4	47.7	75.5	12.4	26.6	0.39	56.0	34.1	17.7	10.0	11.5	3
491	INW 8852	SRW	IN	1989	4	61.0	31.8	47.5	75.3	12.3	26.7	0.31	52.7	30.7	17.3	10.0	11.5	
492	Fundulea	SRW	CAN	199?	6	63.0	34.6	47.4	75.7	11.4	25.5	0.44	56.6	26.0	16.6	10.5	12.0	3
493	Benhur	SRW	IN	1966	1	63.5	35.8	47.2	76.1	11.9	25.4	0.42	50.2	31.9	17.9	10.4	11.9	
494	Kaskaskia	SRW	IL	1999	4	61.0	34.8	46.9	75.0	11.8	26.5	0.37	56.2	35.0	18.0	7.9	9.4	6
494	Pioneer 2580	SRW	SC?	1994?	10	61.0	36.3	46.9	74.9	12.0	26.8	0.38	53.7	29.1	17.1	8.4	9.9	3
494	Terral 812	SRW	AR	1984	2	61.5		46.9	75.3	12.1	26.5	0.36	50.0	30.0	17.9	8.7	10.2	
497	Hart	SRW	MO	1976	20	61.2	35.5	46.7	74.8	12.2	27.0	0.38	51.8	30.5	17.7	9.9	11.4	2
497	McNair 1587	SRW	NC	1973	1	60.8	38.5	46.7	75.6	12.0	25.9	0.42	53.7	34.9	17.5	8.6	10.1	2
497	Pioneer S-76	SRW	IN	1976	23	60.7	33.9	46.7	74.6	12.4	27.4	0.40	51.5	30.8	17.7	9.6	11.1	3
500	Coker 9766	SRW	SC	1987	6	59.5	31.2	46.4	74.9	12.7	27.1	0.41	55.3	31.6	17.5	10.2	11.7	3
501	Compton	SRW	IN	1984	13	62.4	35.0	46.1	75.4	12.7	26.5	0.40	52.3	27.7	17.2	9.8	11.3	7
502	Bradford	SRW	TX	1984	4	60.8	34.2	45.8	75.4	12.0	25.9	0.39	51.6	32.7	17.6	9.5	11.0	4
502	Key	SRW	IN	1975	4	62.2		45.8	75.1	12.3	26.4	0.40	52.0	27.2	16.6	12.7	14.2	6
504	Clemson 201	SRW	SC	1997?	4	60.4	31.2	45.6	74.7	12.5	27.1	0.43	53.3	36.9	17.4	9.3	10.8	3
505	Pioneer 2568	SRW	IN	199?	6	60.6	38.3	45.3	74.9	12.6	26.7	0.43	56.2	38.6	18.0	8.7	10.2	4
506	Genesee Giant	SWW	NY	1893	1	61.0	37.4	45.2	75.4	11.8	25.5	0.44	57.0	31.7	17.0	10.4	11.9	
507	Kruse	SRW	MT	1922	1	64.2	32.6	44.9	74.6	12.5	26.9	0.42	55.5	28.0	16.8	10.1	11.6	2
508	Redhart (Coker)	SRW	SC	1921	3	61.8	33.7	44.7	75.1	12.0	25.8	0.38	53.6	29.0	16.6	11.1	12.6	2
509	Blazer (Agripro)	SRW	IN	1985	5	60.3	34.2	44.4	75.0	12.7	26.5	0.38	55.5	35.9	17.8	10.2	11.7	3
510	HW 3007	SRW	IN	1981	3	60.8	40.7	44.3	75.3	13.2	26.5	0.42	55.2	37.6	18.3	8.5	10.0	
511	Pride of Genesee	SWW	NY	1893	2	62.9	41.2	43.6	74.8	12.0	25.9	0.38	54.4	28.0	17.1	9.7	11.2	3
512	FFR-544W	SRW	IN	199?	1	61.3	44.0	43.3	74.8	12.5	26.2	0.43	54.7	37.6	17.8	8.4	9.9	
512	Hardired	SRW	SC	1940	2	61.2	32.2	43.3	75.4	12.6	25.6	0.43	51.6	28.7	16.7	12.6	14.1	2
514	Pontiac (Agripro)	SRW	IN	199?	5	61.5	33.0	43.1	74.5	12.9	26.7	0.42	52.2	30.5	17.1	9.7	11.2	
515	Roane	SRW	VA	1999	8	64.4	32.6	42.9	74.6	12.5	26.3	0.36	59.3	30.4	16.9	8.3	9.8	3
516	Stoddard	SRW	MO	1973	3	59.2	40.1	42.0	75.4	13.2	25.8	0.40	53.9	36.6	17.8	10.0	11.5	3
517	D2295	SWW	MI	1997?	3	59.3	39.6	41.1	75.0	12.2	25.1	0.39	52.6	35.2	17.4	8.8	10.3	1
518	Wakeland	SRW	NC	1959	3	60.7	32.3	40.2	74.9	12.6	25.2	0.41	54.3	27.3	16.8	11.6	13.1	3
519	CM 544 (Country Mark)	SRW	IN	1994?	2	61.3	43.8	39.3	74.4	13.1	26.0	0.40	53.1	36.1	17.9	7.6	9.1	2
520	Seabreeze	SRW	TX	1945	1	64.7	31.7	38.9	74.0	13.5	26.6	0.40	53.5	28.9	16.6	9.9	11.4	

RANK	VARIETY	CLASS	LOC. OF	YEAR OF	N	TEST	TKW	MILL	ST.		FRIAB	FL	AWRC	BR.	COOK	FL.	WH	PROT
			RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
521	McNair 1003	SRW	NC	1977	19	57.0	37.8	38.5	75.0	13.6	25.5	0.40	56.1	38.8	17.7	9.7	11.2	3
522	FI 304	SRW	FL	1994?	3	60.1		38.3	74.5	13.1	25.6	0.43	52.8	29.0	17.0	9.5	11.0	2
523	Holley	SRW	GA	1971	6	61.1		37.9	74.7	13.6	25.6	0.39	50.8	32.0	17.5	9.9	11.4	3
524	RHS 8232	SRW	?	198?	3	59.2		36.4	74.8	13.7	25.1	0.41	53.1	33.1	17.4	10.7	12.2	
525	Fairfield	SRW	IN	1942	2	60.2	39.1	35.3	74.6	13.5	24.9	0.43	55.0	35.2	17.0	9.6	11.1	2
526	Atlas 66	SRW	NC	1948	2	61.7	34.4	33.7	74.5	14.0	24.9	0.46	52.1	30.2	16.5	12.1	13.6	3
527	Spencer (Hybritech)	SRW	KS	1993	2	62.5	32.5	32.0	74.0	13.6	24.6	0.43	57.7	29.2	16.9	10.4	11.9	
528	Lewis	SRW	MO	1964	1	61.9	41.0	31.3	74.0	14.1	24.8	0.44	51.7	28.6	17.3	10.5	12.0	4
529	Kan Queen	SRW	KS	1949	2	64.3	42.1	25.7	74.6	15.6	23.7	0.50	54.4	33.0	16.8	11.9	13.4	1
530	Clarkan	SRW	KS	1934	2	63.0	38.9	25.5	74.2	14.7	23.4	0.46	54.2	30.2	16.7	12.1	13.6	1
531	Mammoth Red	SRW	TX	1890	2	61.5	37.1	17.9	73.1	16.2	23.6	0.49	60.1	32.5	16.4	11.2	12.7	2
	Minimum					0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0
	Maximum					65.1	52.5	95.4	80.2	16.2	31.5	0.50	64.1	42.5	19.1	12.7	14.2	8
	Mean					58.3	35.2	60.1	73.1	10.0	27.5	0.38	51.1	31.0	16.8	8.9	10.4	3