

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	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	
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	
3	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
4	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
5	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
6	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
7	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
8	49	AGI 540 (Advanced G	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
9	167	AGI 550 (Advanced G	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	
10	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
11	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
12	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
13	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	
14	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
15	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
16	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	
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	164	Atlantis (Maumee Vall	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
31	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	
32	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
33	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
34	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
35	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
36	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	
37	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	
38	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
39	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
40	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

	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	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
42	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
43	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
44	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	
45	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
46	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
47	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
48	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
49	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	
50	181	Benjamin (Steyer See	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	
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	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
59	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	
60	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
61	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
62	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
63	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	
64	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
65	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
66	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
67	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	
68	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	
69	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
70	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
71	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
72	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
73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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

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				RELEASE	RELEASE		WT.		SCORE	GR.	ESI		ASH		FL.	DIAM.	PROT	PROT	QLTY
81	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
82	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
83	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	
84	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
85	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	
86	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
87	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
88	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	
89	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	
90	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	
91	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
92	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
93	402	Coker 47-27 (nat'l coll)	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	
94	200	Coker 47-27 (NC sour)	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	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
109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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

	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	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
122	230	Columbia (Maumee V	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
123	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
124	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
125	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
126	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
127	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
128	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
129	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
130	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
131	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
132	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	
133	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
134	376	Discovery (Maumee V	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	
135	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	
136	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
137	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	
138	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	
139	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
140	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	
141	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	
142	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	
143	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
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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	
156	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
157	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	
158	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	
159	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	
160	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

	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
161	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	
162	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
163	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	
164	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
165	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
166	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
167	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
168	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
169	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
170	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
171	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
172	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	
173	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
174	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
175	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
176	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
177	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
178	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
179	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
180	345	FS 402 (IL Imp Assoc)	SRW	IL	1983	1			59.2	75.9	11.0	28.5	0.40		31.5	17.8			
181	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
182	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
183	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
184	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
185	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
186	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	
187	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	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
189	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
190	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
191	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
192	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
193	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	
194	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
195	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
196	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	
197	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	
198	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
199	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
200	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	

	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
201	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
202	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
203	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	
204	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
205	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
206	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
207	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
208	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
209	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
210	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	
211	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
212	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
213	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	
214	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	
215	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	
216	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	
217	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	
218	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
219	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
220	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
221	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
222	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
223	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
224	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
225	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	
226	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	
227	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
228	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
229	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	
230	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
231	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
232	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	
233	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	
234	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	
235	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	
236	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
237	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	
238	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
239	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
240	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

	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
241	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
242	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
243	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
244	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
245	104	Huron - See Bavaria		MI/Can					71.5										
246	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	
247	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	
248	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	
249	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	
250	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	
251	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	
252	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	
253	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
254	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
255	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	
256	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	
257	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	
258	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	
259	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
260	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
261	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
262	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
263	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
264	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
265	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
266	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
267	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
268	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
269	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
270	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	
271	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	
272	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
273	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
274	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
275	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
276	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	
277	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
278	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
279	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
280	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

	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	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	
282	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	
283	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
284	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
285	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	
286	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
287	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	
288	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	
289	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
290	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
291	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
292	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
293	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
294	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
295	35	Magers (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	
296	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
297	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
298	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
299	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	
300	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	
301	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
302	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	
303	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
304	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
305	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
306	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
307	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
308	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
309	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
310	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
311	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
312	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
313	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	
314	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	
315	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
316	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
317	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
318	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
319	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	
320	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

	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
321	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
322	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
323	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
324	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
325	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
326	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
327	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
328	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
329	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
330	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	
331	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	
332	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	
333	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	
334	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	
335	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
336	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
337	269	Pennmore	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
338	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
339	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
340	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
341	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
342	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
343	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
344	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
345	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
346	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
347	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
348	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
349	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	
350	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
351	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
352	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
353	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
354	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	
355	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
356	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
357	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
358	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
359	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
360	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	

	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
361	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
362	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	
363	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	
364	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
365	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
366	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
367	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
368	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
369	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
370	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
371	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
372	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	
373	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
374	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
375	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
376	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	
377	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	
378	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	
379	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	
380	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	
381	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
382	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
383	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	
384	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
385	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
386	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	
387	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	
388	284	Quantum 7203 (Hybritec)	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	
389	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
390	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
391	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
392	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
393	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
394	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
395	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
396	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
397	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	
398	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
399	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	
400	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	

	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
401	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
402	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
403	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
404	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	
405	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	
406	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
407	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
408	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
409	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	
410	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
411	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	
412	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	
413	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	
414	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	
415	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
416	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
417	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
418	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
419	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
420	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
421	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	
422	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	
423	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	
424	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
425	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
426	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
427	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
428	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
429	76	SC 1365 (Seed Consu	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	
430	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
431	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	
432	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
433	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
434	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	
435	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
436	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	
437	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
438	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
439	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
440	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

	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
441	372	Southern Belle (Agripr	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
442	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	
443	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	
444	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
445	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	
446	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
447	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
448	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
449	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	
450	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
451	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
452	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
453	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
454	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
455	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	
456	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	
457	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
458	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
459	99	Succession (Hyttest)	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	
460	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
461	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	
462	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
463	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	
464	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
465	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	
466	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	
467	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	
468	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	
469	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	
470	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	
471	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	
472	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
473	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
474	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
475	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	
476	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	
477	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
478	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
479	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	
480	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	

	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
481	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
482	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
483	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
484	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
485	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
486	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	
487	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	
488	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	
489	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	
490	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
491	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
492	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	
493	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	
494	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
495	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
496	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
497	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
498	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	
499	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
500	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
501	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	
502	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	
503	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	
504	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
505	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
506	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
507	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	
508	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
509	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	
510	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	
511	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	
512	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	
513	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
514	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	
515	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	
516	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	
517	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	
518	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
519	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
520	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

	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	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
522	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
523	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
524	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
525	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
526	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	
527	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	
528	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	
529	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
530	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
531	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
		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