

**Table 2. 2003 Early sweet corn plant characteristics and yield components, Robinson Station, Quicksand, KY.**

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Early Points <sup>8</sup>	Rank based on points
Attribute BSS 0977 (BC)	SY	90	10.0	10.0	0.00	5.0	2511	3646	1
Ice Queen (W)	HR/HM	82	10.0	9.3	0.00	5.0	2360	3486	2
MAX (HMX 83925) (Y)	HM	85	9.8	9.0	0.00	5.0	2360	3466	3
Shooting Star (BC)	HM	84	10.0	9.0	0.00	5.0	2208	3461	4
WSS 9870 (W)	SY	82	10.0	10.0	0.00	4.0	2118	3427	5
Attribute WSS 0966 (Y)	SY	78	9.8	10.0	0.00	4.5	2118	3412	6
Rustler (Y)	HM	76	10.0	9.5	0.00	5.0	2027	3408	7
Gourmet Brand 182 A (Y)	ST	96	8.8	10.0	0.00	3.0	2057	3336	8
Tahoe (W)	SW/SY	84	10.0	9.5	0.00	3.0	2420	3327	9
Gourmet Brand 378 A (W)	ST	90	8.5	9.5	0.00	4.0	2178	3313	10
Summer Sweet 7650 (Y)	AC	89	10.0	8.5	0.00	3.0	2118	3252	11
Zenith (Y)	HM	84	9.5	9.5	0.00	3.0	1966	3242	12
Boreal (Y)	SY	85	8.8	10.0	0.00	3.0	2148	3240	13
Obsession (BC)	RU/ST	84	9.5	9.0	0.00	3.0	2148	3205	14
Winstar (Y)	SY	91	10.0	8.0	0.00	2.5	1997	3160	15
282A Extra Tender Brand (BC)	RU	74	9.5	9.5	0.00	3.0	1966	3142	16
Abco Brand Var. 945Y (Y)	AC	83	9.0	9.5	0.00	3.0	1603	3140	17
Candy Corner (BC)	HM	59	9.0	9.5	0.00	5.0	1755	3115	18
278A Extra Tender Brand (BC)	SI/SW	84	9.0	8.5	0.00	3.0	1997	3095	19
Polaris (BC)	HM	73	9.0	9.3	0.00	3.0	2178	3078	20
Bandit (Y)	HM	56	10.0	8.8	0.00	5.0	1240	3064	21
Morning Star (Y)	HR/HM	58	10.0	9.5	0.00	4.0	1331	3063	22
Tethys (BC)	SY/RU	89	8.5	8.5	0.00	3.0	1543	3044	23
Abco Brand Var. 946 BC (BC)	AC	73	9.5	9.0	0.00	3.0	1634	3043	24
Summer Sweet 8102 R (BC)	AC	71	9.0	8.8	0.00	3.5	1997	3035	25
382A Extra Tender Brand (W)	SW	68	9.0	8.8	0.00	3.0	1724	2922	26
Camas (BC)	SY	70	9.5	8.0	0.00	3.0	1664	2911	27
ACX 738W (W)	AC	66	9.5	9.0	0.00	2.0	1966	2907	28
White Saturn (W)	SW	58	9.5	9.5	0.00	3.0	1210	2896	29
Gourmet Brand 175 A (Y)	ST	93	6.5	9.3	0.00	1.3	2239	2854	30

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Early Points <sup>8</sup>	Rank based on points
Attribute WSS 0987 (W)	HM	69	8.5	8.5	0.00	3.0	1573	2847	31
Summer Sweet 7631 (W)	AC	64	9.5	8.3	0.00	3.0	1301	2845	32
Extra Tender Brand-275A (BC)	SI	78	8.0	8.5	0.00	2.0	2087	2834	33
Summer Sweet 8101 R (W)	AC	69	8.0	9.0	0.00	2.8	1361	2796	34
	ST/RU/								
Gourmet Brand 277 A (BC)	HR	70	7.0	9.5	0.00	2.0	1876	2733	35
Gourmet Brand 276 A (BC)	ST	59	9.0	8.0	0.00	2.5	1603	2700	36
Gourmet Brand 272 A (BC)	?	79	6.5	9.0	0.00	1.0	2178	2653	37
Gourmet Brand 177 A (Y)	ST	67	7.0	8.5	0.00	2.5	1392	2604	38
First Class (W)	SW	52	8.5	9.0	0.00	2.0	1301	2600	39
GSS 9525 (Y)	SY	61	9.5	6.5	0.00	2.0	1361	2541	40
Millenium (W)	SW	44	10.0	8.0	0.00	2.0	908	2526	41
178A Xtra Tender Brand (Y)	RU	73	7.3	8.3	0.00	1.0	1361	2516	42
372 A Xtra Tender Brand (W)	HR	65	7.5	8.8	0.00	1.0	1271	2502	43
6800 R (Y)	AC	85	6.0	7.5	0.00	1.0	1513	2451	44
Mirai (Y)	SI	35	10.0	8.5	0.00	1.0	787	2374	45
Eagle (BC)	RU	51	8.0	7.3	0.00	1.0	1059	2236	46
Snowstorm (W)	ST	64	6.0	6.0	0.00	2.0	1482	2188	47
First Snow (W)	SW	37	5.0	7.5	0.00	1.0	696	1790	48

<sup>1</sup>BC=bicolor, W=White, Y=Yellow.

<sup>2</sup>Plant stand is percent emergence of 100 seeds.

<sup>3</sup>Husk Coverage: 1=poor, 10=excellent

<sup>4</sup>Number of ears out of 10 that had good tip fill.

<sup>5</sup>Disease rating 0 = no disease, 1 = mild, 2 = moderate, 3 = severe (symptoms)

<sup>6</sup>Commercial acceptability: 1=poor, 5=excellent

<sup>7</sup>Based on 10 ears of corn.

<sup>8</sup>Points obtained (Rank) = (10 x Stand) + (100 x Husk coverage) + (100 x Tip Fill) + (100 x Commercial Acceptability) + (yield/10).

**Table 3. 2003 Late sweet corn plant characteristics and yield components, Robinson Station, Quicksand, KY.**

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Early Points <sup>8</sup>	Rank based on points
Rustler (Y)	HM	75	10.0	10.0	0.0	5.0	2178	3468	1
Attribute BSS 0977 (BC)	SY	75	10.0	10.0	1.3	5.0	1664	3416	2
WSS 9870 (W)	SY	77	10.0	10.0	2.3	4.5	1392	3354	3
Max (HMX 83925) (Y)	HM	63	10.0	9.5	1.0	5.0	1785	3253	4
Obsession (BC)	RU/ST	62	9.5	10.0	0.0	5.0	1694	3239	5
Candy Corner (BC)	HM	74	10.0	8.5	0.6	5.0	1513	3236	6
Gourmet Brand 378 A (W)	ST	75	9.0	9.0	0.0	4.0	2420	3192	7
Shooting Star (BC)	HM	67	10.0	9.0	1.0	4.5	1482	3163	8
Bandit (Y)	HM	55	10.0	9.5	1.8	5.0	1543	3154	9
Morning Star (Y)	HR/HM	61	10.0	9.5	1.0	4.0	1603	3120	10
Summer Sweet 7650 (Y)	AC	84	10.0	8.3	0.5	3.0	1361	3101	11
Ice Queen (W)	HR/HM	71	9.0	8.5	1.0	5.0	1331	3093	12
Polaris (BC)	HM	57	10.0	9.5	1.5	4.0	1482	3068	13
Winstar (Y)	SY	83	10.0	8.3	2.5	2.5	1422	3042	14
Camas (BC)	SY	77	9.3	9.0	2.8	3.0	1392	3029	15
Summer Sweet 8102 R (BC)	AC	73	8.5	9.3	0.8	3.5	1664	3021	16
282A Extra Tender Brand (BC)	RU	61	9.5	9.3	1.0	3.0	1755	2955	17
278A Extra Tender Brand (BC)	SI/SW	68	9.5	8.5	1.5	3.0	1664	2946	18
Tethys (BC)	SY/RU	72	8.3	9.0	1.3	3.0	1361	2876	19
Attribute WSS 0966 (Y)	SY	54	9.3	9.0	2.5	4.0	968	2857	20
Summer Sweet 8101R (W)	AC	66	8.0	9.5	0.8	3.0	1180	2823	21
Gourmet Brand 182 A (Y)	ST	83	7.5	9.5	1.0	2.0	726	2803	22
Gourmet Brand 276 A (BC)	ST	62	9.0	9.0	2.3	2.3	1422	2787	23
Attribute WSS 0987 (W)	SY	68	8.0	9.0	1.5	3.0	1029	2783	24
GSS 9525 (Y)	SY	79	9.0	8.0	2.0	2.0	817	2772	25
Millenium (W)	SW	53	10.0	9.0	1.0	2.0	1029	2733	26
Abco Brand Var. 946BC (BC)	AC	77	9.0	9.0	3.0	1.0	605	2731	27
Boreal (W)	SY	49	9.0	10.0	2.0	3.0	363	2726	28
White Saturn (W)	SW	49	9.0	9.0	2.0	3.0	1150	2705	29
Extra Tender Brand 275A (BC)	SI	87	8.5	8.0	3.0	1.0	877	2703	30

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Early Points <sup>8</sup>	Rank based on points
Zenith (Y)	HM	63	10.0	7.5	2.0	2.5	726	2703	31
Tahoe (W)	SW/SY	55	9.0	9.0	1.0	3.0	303	2680	32
Gourmet Brand 272A (BC)	?	78	8.0	8.3	2.0	1.5	1059	2656	33
Abco Brand Var. 945Y (Y)	AC	78	6.0	9.0	2.3	1.3	1271	2527	34
First Snow (W)	SW	65	8.0	9.0	0.0	1.0	545	2504	35
382A Xtra Tender Brand (W)	SW	34	9.0	9.5	2.5	2.0	726	2463	36
ACX 738W (W)	AC	68	8.8	7.0	2.0	1.0	1059	2456	37
Summer Sweet 7631 (W)	AC	48	8.0	8.0	1.5	3.0	545	2434	38
First Class (W)	SW	57	8.5	8.5	2.0	1.0	454	2415	39
Mirai (Y)	SI	48	8.0	8.5	1.8	2.0	605	2386	40
6800R (Y)	AC	74	7.5	7.5	2.0	1.0	363	2371	41
Snowstorm (W)	ST	75	6.0	7.0	1.0	2.0	666	2317	42
Gourmet Brand 175A (Y)	ST	67	6.0	9.0	3.0	1.0	424	2307	43
178 Xtra Tender Brand (Y)	RU	83	5.5	7.8	3.0	1.0	363	2291	44
Eagle (BC)	RU	59	7.0	7.0	2.0	1.0	242	2114	45
Gourmet Brand 177A (Y)	ST	63	6.0	7.0	1.8	1.0	575	2087	46
Gourmet Brand 277A (BC)	ST/RU/ HR	68	7.0	5.0	2.0	1.0	605	2041	47
372A Xtra Tender Brand (W)	HR	50	5.0	7.0	3.0	1.0	182	1818	48

<sup>1</sup>BC=bicolor, W=White, Y=Yellow.

<sup>2</sup>Plant stand is percent emergence of 100 seeds.

<sup>3</sup>Husk Coverage: 1=poor, 10=excellent

<sup>4</sup>Number of ears out of 10 that had good tip fill.

<sup>5</sup>Disease rating 0 = no disease, 1 = mild disease, 2 = moderate disease, 3 = severe (symptoms)

<sup>6</sup>Commercial acceptability: 1=poor, 5=excellent

<sup>7</sup>Based on 10 ears of corn.

<sup>8</sup>Points obtained (Rank) = (10 x Stand) + (100 x Husk coverage) + (100 x Tip Fill) + (100 x Commercial Acceptability) + (yield/10).

**Table 4. 2003 Average sweet corn plant characteristics and yield components, Robinson Station, Quicksand, KY.**

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Points <sup>8</sup>	Rank based on points
Attribute BSS 0977 (BC)	SY	82	10.0	10.0	0.6	5.0	2087	3531	1
Rustler (Y)	HM	75	10.0	9.8	0.0	5.0	2102	3438	2
WSS 9870 (W)	SY	79	10.0	10.0	1.1	4.3	1755	3390	3
MAX (HMX 83925) (Y)	HM	74	9.9	9.3	0.5	5.0	2072	3360	4
Ice Queen (W)	HR/HM	79	9.7	9.0	0.3	5.0	2017	3355	5
Shooting Star (BC)	HM	75	10.0	9.0	0.5	4.8	1845	3312	6
Gourmet Brand 378 A (W)	ST	85	8.7	9.3	0.0	4.0	2259	3273	7
Obsession (BC)	RU/ST	77	9.5	9.3	0.0	3.7	1997	3216	8
Summer Sweet 7650 (Y)	AC	87	10.0	8.4	0.3	3.0	1739	3176	9
Candy Corner (BC)	HM	66	9.5	9.0	0.3	5.0	1634	3176	10
Attribute WSS 0966 (Y)	SY	66	9.5	9.5	1.3	4.3	1543	3134	11
Tahoe (W)	SW/SY	74	9.7	9.3	0.3	3.0	1714	3111	12
Bandit (Y)	HM	56	10.0	9.1	0.9	5.0	1392	3109	13
Winstar (Y)	SY	87	10.0	8.1	1.3	2.5	1709	3101	14
Morning Star (Y)	HR/HM	60	10.0	9.5	0.5	4.0	1467	3092	15
Polaris (BC)	HM	65	9.5	9.4	0.8	3.5	1830	3073	16
Gourmet Brand 182A (Y)	ST	89	8.1	9.8	0.5	2.5	1392	3069	17
Boreal (W)	SY	73	8.8	10.0	0.7	3.0	1553	3069	18
282A Extra Tender Brand (BC)	RU	68	9.5	9.4	0.5	3.0	1860	3049	19
Summer Sweet 8102R (BC)	AC	72	8.8	9.0	0.4	3.5	1830	3028	20
278A Extra Tender Brand (BC)	SI/SW	76	9.3	8.5	0.8	3.0	1830	3021	21
Zenith (Y)	HM	74	9.8	8.5	1.0	2.8	1346	2972	22
Camas (BC)	SY	73	9.4	8.5	1.4	3.0	1528	2970	23
Tethys (BC)	SY/RU	80	8.4	8.8	0.6	3.0	1452	2960	24
Abco Brand Var. 946 BC (BC)	AC	74	9.3	9.0	1.0	2.3	1291	2939	25
Abco brand Var. 945Y (Y)	AC	80	7.5	9.3	1.1	2.1	1437	2834	26
White Saturn (W)	SW	55	9.3	9.3	0.7	3.0	1190	2832	27
Attribute WSS 0987 (W)	SY	69	8.3	8.7	0.5	3.0	1392	2826	28
Summer Sweet 8101R (W)	AC	67	8.0	9.3	0.4	2.9	1271	2810	29
382A Extra Tender Brand (W)	SW	56	9.0	9.0	0.8	2.7	1392	2769	30

Cultivar Name <sup>1</sup>	Seed source	Plant stand <sup>2</sup>	Husk coverage <sup>3</sup>	Tip fill <sup>4,7</sup>	Disease rating <sup>5</sup>	Commercial acceptability <sup>6,7</sup>	Dozen ears/acre	Points <sup>8</sup>	Rank based on points
Extra Tender Brand 275 A (BC)	SI	82	8.3	8.3	1.5	1.5	1482	2768	31
Gourmet Brand 276A (BC)	ST	61	9.0	8.5	1.1	2.4	1513	2744	32
Summer Sweet 7631 (W)	AC	59	9.0	8.2	0.5	3.0	1049	2708	33
ACX 738W (W)	AC	67	9.1	8.0	1.0	1.5	1513	2681	34
GSS 9525 (Y)	SY	70	9.3	7.3	1.0	2.0	1089	2656	35
Gourmet Brand 272A (BC)	?	78	7.3	8.6	1.0	1.3	1618	2654	36
Millenium (W)	SW	47	10.0	8.5	0.3	2.0	968	2613	37
Gourmet Brand 175A (Y)	ST	80	6.3	9.1	1.5	1.1	1331	2581	38
First Class (W)	SW	55	8.5	8.8	1.0	1.5	877	2508	39
Gourmet Brand 277A (BC)	ST/RU/ HR	69	7.0	8.0	0.7	1.7	1452	2502	40
6800R (Y)	AC	79	6.8	7.5	1.0	1.0	938	2411	41
178A Xtra Tender Brand (Y)	RU	78	6.4	8.0	1.5	1.0	862	2404	42
Mirai (Y)	SI	41	9.0	8.5	0.9	1.5	696	2380	43
Gourmet Brand 177A (Y)	ST	65	6.5	8.0	0.9	1.8	983	2371	44
372A Xtra Tender Brand (W)	HR	60	6.7	8.2	1.0	1.0	908	2274	45
Snowstorm (W)	ST	68	6.0	6.3	0.3	2.0	1210	2231	46
Eagle (BC)	RU	53	7.7	7.2	0.7	1.0	787	2195	47
First Snow (W)	SW	46	6.0	8.0	0.0	1.0	645	2028	48

<sup>1</sup>BC=bicolor, W=White, Y=Yellow.

<sup>2</sup>Plant stand is percent emergence of 100 seeds.

<sup>3</sup>Husk Coverage: 1=poor, 10=excellent

<sup>4</sup>Number of ears out of 10 that had good tip fill.

<sup>5</sup>Disease rating 0 = no disease, 1 = mild, 2 = moderate, 3 = severe (symptoms)

<sup>6</sup>Commercial acceptability: 1=poor, 5=excellent

<sup>7</sup>Based on 10 ears of corn.

<sup>8</sup>Points obtained (Rank) = (10 x Stand) + (100 x Husk coverage) + (100 x Tip Fill) + (100 x Commercial Acceptability) + (yield/10).