



UNIVERSITY OF  
SASKATCHEWAN

# VEGETABLE CULTIVAR AND CULTURAL TRIALS 2006

PREPARED BY:  
D. WATERER  
J. BANTLE  
W. HRYCAN

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*Department of Plant Sciences  
University of Saskatchewan, 51 Campus Drive  
Saskatoon, Saskatchewan, Canada, S7N 5A8  
Telephone: (306) 966-5855 Fax: (306) 966-5015  
E-mail: [doug.waterer@usask.ca](mailto:doug.waterer@usask.ca) [jackie.bantle@usask.ca](mailto:jackie.bantle@usask.ca)  
Website: <http://www.usask.ca/agriculture/plantsci/vegetable>*



Saskatchewan  
Agriculture  
and Food

## SWEET CORN 2006

Cultivar	Source	Date of 50% Harvest	Marketable Yields		Height		Cob Characteristics						Taste	Sweetness	Overall Rating	Comments
			000/ha	t/ha	Plant (m)	Cob (m)	Length (cm)	Width (cm)	Row #	Row Uniformity	Tip Fill	Cob Fill				
<b>Standard (su)</b>																
Bowden Sweet	ABN	Aug. 21	63.3	13.2	1.7	0.3	16.9	4.2	12.5	3.0	2.0	3.5	2.0	1.0	2.5	Large kernels, attractive dark yellow colour, tough, starchy
Earlivee***	Ve	Aug. 21	70.8	18.1	1.8	0.4	18.2	3.9	11.6	4.0	2.5	2.5	3.5	1.5	3	Good early flavour, not sweet, starchy, yellow
Peaches n' Cream Early	NOR	Aug. 25	60.0	21.1	2.0	0.6	18.8	4.6	16.7	3.0	4.0	4.0	3.5	3.5	3.5	Good tip/cob fill, juicy, crunchy, starchy, bicolour
Seneca Horizon***	EFG	Aug. 25	58.3	19.9	1.7	0.4	18.6	4.7	15.0	3.0	2.5	3.5	2.5	0.5	2.5	Tough, starchy, no sweetness, yellow
<b>Average (standard - su)</b>		<b>Aug. 23</b>	<b>63.1</b>	<b>18.1</b>	<b>1.8</b>	<b>0.4</b>	<b>18.1</b>	<b>4.3</b>	<b>14.0</b>	<b>3.3</b>	<b>2.8</b>	<b>3.4</b>	<b>2.9</b>	<b>1.6</b>	<b>2.9</b>	
<b>Sugar Enhanced (se): Bicolour</b>																
Accord	ST	Sept. 6	53.3	21.1	2.3	0.6	20.7	4.8	20.2	2.0	3.0	3.0	2.0	0.5	2	Bland, starchy
<b>Bon Jour***</b>	<b>MM</b>	<b>Aug. 25</b>	<b>55.8</b>	<b>19.8</b>	<b>2.1</b>	<b>0.5</b>	<b>20.3</b>	<b>4.2</b>	<b>15.7</b>	<b>2.5</b>	<b>4.5</b>	<b>3.0</b>	<b>4.0</b>	<b>4.5</b>	<b>4</b>	<b>Early, excellent flavour &amp; tip fill, average yields</b>
Buccaneer	MM	Sept. 6	59.2	20.2	2.0	0.6	19.1	4.2	18.3	3.5	3.0	4.0	2.0	2.0	2	Good cob fill, juicy & tender, starchy
<b>Early Choice***</b>	<b>SW</b>	<b>Aug. 25</b>	<b>74.2</b>	<b>20.0</b>	<b>2.1</b>	<b>0.4</b>	<b>19.4</b>	<b>4.1</b>	<b>14.6</b>	<b>1.5</b>	<b>4.0</b>	<b>2.5</b>	<b>4.0</b>	<b>3.5</b>	<b>4</b>	<b>Early, excellent flavour, juicy, good cob #</b>
Envoy***	MM	Aug. 25	74.2	21.5	2.1	0.5	20.6	4.0	14.6	4.0	4.5	3.5	3.0	3.5	3.5	Good yields, good tip & cob fill, variable flavour, tough texture
Eureka	MM	Sept. 1	54.2	19.8	2.0	0.7	18.5	4.7	18.2	4.0	3.5	4.0	2.5	2.5	2.5	Average yields, attractive, juicy but starchy
<b>Fleet Bicolour</b>	<b>ST</b>	<b>Aug. 21</b>	<b>70.8</b>	<b>18.0</b>	<b>1.9</b>	<b>0.7</b>	<b>18.7</b>	<b>4.1</b>	<b>14.3</b>	<b>3.5</b>	<b>4.5</b>	<b>4.0</b>	<b>4.5</b>	<b>3.0</b>	<b>4</b>	<b>Early, excellent flavour &amp; fill, high # of small cobs</b>
Geronimo***	EFG	Aug. 25	55.0	16.6	1.8	1.5	18.5	4.3	15.1	3.5	4.5	3.0	3.5	3.0	3.5	Early, good flavour & fill, below average yields
Navajo***	ST	Aug. 25	55.8	20.9	2.0	0.5	18.8	4.8	15.8	3.5	4.0	3.0	2.0	2.0	3	Early, good tip & cob fill, juicy but starchy
SC91-285	KY	Sept. 6	64.2	25.8	2.2	0.7	23.3	4.6	17.2	3.0	2.0	1.0	3.5	2.5	3	Good yields, large cobs, poor cob fill, average taste
Seneca Tomahawk***	Ve	Sept. 6	95.0	26.9	2.1	0.7	21.2	4.5	14.6	4.0	3.0	4.0	3.0	0.5	3.5	Excellent cob #, good fill, juicy, crunchy but starchy, not sweet
Sugar Baby	Ve	Sept. 6	66.7	23.3	2.1	0.6	23.0	4.8	16.6	3.0	2.5	2.5	2.0	2.0	3	Good yields, attractive husk (purple streaks), tapered cobs, tender & juicy but bland
Summer Delight	SW	Aug. 30	62.5	23.2	2.0	0.5	21.5	4.5	14.2	3.0	2.5	3.5	1.0	1.0	2	Heavy cobs, poor flavour - very starchy
Trinity***	CK	Aug. 30	57.5	18.7	2.0	0.5	19.6	4.4	14.8	2.0	3.5	3.5	3.0	2.5	2.5	Attractive, creamy texture but starchy, below average yields
<b>Sugar Enhanced (se): Yellow</b>																
Headstart	MM	Sept. 1	72.5	19.4	2.0	0.6	19.6	4.2	14.8	3.0	1.0	2.5	2.0	3.5	2.5	Good cob #s, tough, starchy, shallow kernels
Spring Treat***	MM	Aug. 25	58.3	17.2	2.0	0.6	21.0	4.2	13.0	2.5	4.0	2.5	3.0	3.5	3	Early, difficult to harvest, good flavour & tip fill, below average yields
Welcome TSW	ST	Aug. 30	70.8	20.2	2.0	0.5	18.2	4.5	16.5	1.5	0.5	0.5	0.5	0.5	2	Poor flavour, very starchy, poor tip/cob fill
<b>Average (sugar enhanced se)</b>		<b>Aug. 30</b>	<b>64.7</b>	<b>20.7</b>	<b>2.0</b>	<b>0.6</b>	<b>20.1</b>	<b>4.4</b>	<b>15.8</b>	<b>2.9</b>	<b>3.2</b>	<b>2.9</b>	<b>2.7</b>	<b>2.4</b>	<b>2.9</b>	
<b>Synergistic: Bicolor</b>																
BC 0805	RO	Sept. 13	45.8	17.8	2.3	0.7	21.9	4.4	16.2	3.5	2.0	2.5	3.0	4.0	2.5	Late, good taste/sweetness, below average yields
<b>Bojangles***</b>	<b>CK</b>	<b>Sept. 6</b>	<b>64.2</b>	<b>22.1</b>	<b>2.3</b>	<b>0.6</b>	<b>21.4</b>	<b>4.7</b>	<b>15.4</b>	<b>2.0</b>	<b>4.5</b>	<b>4.0</b>	<b>3.5</b>	<b>3.5</b>	<b>4.5</b>	<b>Attractive, good flavour &amp; yields, full cobs, plump kernels</b>
Cameo	CK	Sept. 6	30.0	11.7	2.5	0.8	23.3	4.8	17.8	3.5	2.5	4.0	3.0	3.0	2	Poor yields, average flavour, bland, good cob fill

<b>Synergistic: Bicolor (continued)</b>																
Charisma	SW	Sept. 1	49.2	17.3	2.4	0.6	20.2	4.4	15.8	3.5	4.5	3.0	3.5	2.5	2.5	Below average yields, variable sweetness, excellent tip fill
Cohasset	MM	Sept. 1	60.8	19.7	2.4	0.8	17.9	4.4	15.2	2.0	4.0	2.5	3.5	3.5	3.5	Average yields, juicy, crisp, slightly starchy
<b>Frisky***</b>	<b>CK</b>	<b>Aug. 25</b>	<b>82.5</b>	<b>21.4</b>	<b>1.8</b>	<b>0.3</b>	<b>18.6</b>	<b>3.8</b>	<b>13.6</b>	<b>3.5</b>	<b>3.5</b>	<b>4.0</b>	<b>4.5</b>	<b>4.5</b>	<b>4.5</b>	<b>Early, excellent yields &amp; flavour, small cobs, good fill &amp; uniformity, cobs low on the plant</b>
<b>Gateway</b>	<b>RO</b>	<b>Aug. 25</b>	<b>61.7</b>	<b>19.6</b>	<b>1.6</b>	<b>0.4</b>	<b>18.7</b>	<b>4.2</b>	<b>14.9</b>	<b>2.5</b>	<b>4.5</b>	<b>3.0</b>	<b>4.0</b>	<b>4.0</b>	<b>4</b>	<b>Early, good flavour, excellent tip fill, average yields of smaller cobs</b>
Kristine	CK	Sept. 1	46.7	17.7	1.9	0.5	20.1	4.7	17.1	4.0	3.0	3.5	4.0	3.5	3	Below average yields but good flavour & appearance
Manitou	MM	Sept. 6	59.2	20.5	2.3	0.7	20.0	5.0	18.4	3.0	4.0	4.0	3.5	2.5	3	Average yields, good flavour but starchy, good tip/cob fill, difficult to husk
Monomy	MM	Aug. 30	66.7	20.6	2.0	0.7	20.2	4.0	16.2	3.0	3.0	3.5	3.0	4.0	3.5	Average yields, difficult to harvest & husk, good flavour & sweetness
Montauk	MM	Sept. 6	51.7	23.0	2.3	0.7	22.2	5.2	19.6	3.0	4.0	4.0	3.0	3.0	3	Large cobs, excellent fill, below average cob #, gummy texture but juicy
<b>Nantasket</b>	<b>ST</b>	<b>Aug. 30</b>	<b>66.7</b>	<b>27.7</b>	<b>2.3</b>	<b>0.8</b>	<b>19.9</b>	<b>4.3</b>	<b>16.0</b>	<b>3.0</b>	<b>3.5</b>	<b>3.0</b>	<b>3.0</b>	<b>3.0</b>	<b>4</b>	<b>Attractive, good yields, average flavour</b>
Nauset	MM	Sept. 13	64.2	20.8	2.4	0.6	21.6	3.9	15.0	2.5	4.0	2.0	2.5	2.0	2	Late, good cob #, narrow cobs, dry & starchy
<b>Polka***</b>	<b>CK</b>	<b>Aug. 30</b>	<b>74.2</b>	<b>22.4</b>	<b>2.0</b>	<b>0.6</b>	<b>19.5</b>	<b>4.5</b>	<b>15.0</b>	<b>1.5</b>	<b>2.5</b>	<b>3.5</b>	<b>3.0</b>	<b>4.5</b>	<b>4</b>	<b>Good yields &amp; flavour, firm &amp; juicy, poor uniformity</b>
Providence***	RO	Sept. 6	61.7	23.2	2.1	0.7	22.0	4.3	15.4	3.0	---	---	3.5	3.0	3.5	Good yields & flavour
Reflection	HM	Aug. 25	39.2	13.6	2.0	0.6	17.8	4.5	19.8	3.5	4.0	3.5	2.5	3.5	2	Early, poor yields, sweet, chewy, starchy, good tip & cob fill
Renaissance	HM	Aug. 30	71.7	25.2	2.3	0.5	20.2	4.3	13.3	2.5	3.5	3.0	2.5	2.5	3	Above average yields, good tip/cob fill, juicy, starchy
<b>Revelation***</b>	<b>HM</b>	<b>Aug. 30</b>	<b>70.0</b>	<b>22.7</b>	<b>1.9</b>	<b>0.5</b>	<b>18.2</b>	<b>4.3</b>	<b>15.8</b>	<b>3.5</b>	<b>4.0</b>	<b>4.0</b>	<b>3.5</b>	<b>3.5</b>	<b>4</b>	<b>Above average taste &amp; yields, shorter cobs, shallow kernels</b>
Sweet Chorus	HM	Aug. 25	66.7	22.0	2.1	0.5	20.2	4.5	15.8	4.0	4.0	4.0	3.0	2.5	3.5	Early, good yields & fill, juicy but bland
<b>Sweet Rhythm***</b>	<b>Ve</b>	<b>Aug. 30</b>	<b>66.7</b>	<b>25.2</b>	<b>2.1</b>	<b>0.5</b>	<b>19.0</b>	<b>4.8</b>	<b>17.2</b>	<b>4.0</b>	<b>3.5</b>	<b>4.0</b>	<b>3.0</b>	<b>3.0</b>	<b>4</b>	<b>Good yields &amp; fill, average flavour</b>
Sweet Symphony***	HM	Sept. 6	46.7	16.8	2.1	0.6	19.9	4.4	16.4	3.0	4.0	4.0	1.5	1.5	2	Excellent cob & tip fill, below average yields, poor taste & sweetness
Valor	CK,SW	Sept. 6	74.2	24.9	2.4	0.5	20.9	4.3	14.2	3.0	1.5	2.0	3.0	3.0	3	Excellent yields, poor tip fill, average flavour
<b>Synergistic: Yellow</b>																
Applause	CK	Sept. 6	66.7	22.6	2.5	0.7	20.2	4.7	16.4	3.5	2.0	4.0	4.0	3.5	3.5	Above average yields, tough, sweet but starchy
Honey Treat	RO,SW	Sept. 6	60.8	21.5	2.5	0.8	23.2	5.0	17.5	2.5	3.0	2.5	2.0	1.5	2.5	Long cobs, bland, very starchy
<b>Average (synergistic)</b>		<b>Aug. 18</b>	<b>60.3</b>	<b>20.8</b>	<b>2.2</b>	<b>0.6</b>	<b>20.3</b>	<b>4.5</b>	<b>16.2</b>	<b>3.0</b>	<b>3.4</b>	<b>3.4</b>	<b>3.1</b>	<b>3.1</b>	<b>3.2</b>	
<p><b>Bold</b> = Recommended in 2006  *** = Recommended in previous trials  --- = Data not available</p> <p>Date Seeded: May 23, 2006  Date of First Harvest: Aug. 14, 2006  Date of Final Harvest: Sept. 13, 2006</p> <p>Spacing: In row - 10cm  Between row - 1m</p> <p>Sweetness: 1 - bland  5 - very sweet</p> <p>Row Uniformity: 1 - crooked rows  5 - straight rows</p> <p>Tip Fill/Cob Fill/Overall Rating: 1 - poor  5 - excellent</p>																