



UNIVERSITY OF
SASKATCHEWAN

VEGETABLE CULTIVAR AND CULTURAL TRIALS 2007

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SUPERSWEET CORN 2007

Cultivar	Source	Date of 50% harvest	Marketable yields		Plant height (m)	Cob height (m)	Cob characteristics				Taste	Sweetness	Overall rating	Comments		
			000/ha	t/ha			Length (cm)	Width (cm)	Row #	Row uniformity					Tip fill	Cob fill
Shrunken (sh2) supersweet: bicolor																
Boreal	Os	Sep. 12	65	21.3	2.4	0.8	19.8	4.0	17.4	2.5	4.5	2.5	3.5	3.5	2.0	Deep kernels, pale colour, a little starchy, 7d harvest period
Butterfruit	Park	Sep. 12	71	25.6	2.3	1.0	21.2	4.6	20.1	2.5	1.5	3.0	3.0	2.5	2.5	Small kernels, tough texture. Short harvest interval
CandyCorner ***	HM	Sep. 5	108	39.1	2.5	0.9	20.6	4.3	16.2	3.5	4.0	4.0	3.0	1.5	4.0	Attractive cobs, crunchy texture, starchy
Fantastic ***	ST, SW	Aug. 27	71	25.2	2.0	0.6	20.8	4.4	18.5	3.5	4.5	4.0	4.0	3.5	3.0	Crunchy texture, sweet kernels
Mirai301 ***	SW	Sep. 5	85	34.6	2.4	0.9	---	---	---	---	---	---	---	---	3.5	Very uniform maturity
Mirai308 ***	Sie	Sep. 5	67	21.0	2.1	0.9	20.6	4.4	15.8	3.0	3.0	2.5	3.5	4.0	2.5	Attractive cobs, good taste, crunchy texture, easy to husk
Mirai421	Sie	Sep. 12	86	33.5	2.2	0.9	21.8	4.7	15.0	4.0	4.5	4.0	4.0	3.5	4.5	Attractive cob, large kernels. Short harvest interval
Triumph	SW	Sep. 5	62	26.9	2.2	0.7	21.5	4.7	18.7	2.5	4.0	4.0	4.0	4.0	3.5	Lower yield, but attractive, crunchy texture. Easy to husk
Var #6802R ***	AC	Aug. 27	64	24.1	2.3	0.7	20.1	4.8	15.9	4.0	2.5	4.0	2.0	2.0	2.0	Deep kernels, starchy, tough texture
Var #726BC	AC	Aug. 27	76	25.0	2.1	0.8	19.4	4.5	16.0	2.5	1.5	3.0	3.5	3.0	3.0	Very uniform maturity
Shrunken (sh2) supersweet: yellow																
ACcession (ACX1073Y)	AC	Sep. 5	67	26.7	2.2	0.6	23.0	4.3	19.0	3.0	3.0	3.5	2.5	2.0	2.5	Small, round kernels. Crunchy and starchy texture
Mirai131	Sie	Aug. 27	62	26.3	2.0	0.7	24.4	4.8	15.8	2.0	2.5	2.5	1.0	3.5	1.0	Large kernels, poor flavour, starchy
Northern Supersweet ***	EFG	Aug. 27	80	29.9	2.2	0.6	22.1	4.5	14.3	2.5	1.0	2.0	1.0	3.0	1.5	Deep yellow, tough texture, starchy, unattractive
Passion ***	NOR	Sep. 12	73	29.6	2.3	0.8	22.4	4.3	18.6	2.5	1.5	3.0	1.5	1.5	2.0	Starchy, tough kernels
Var #7210R	AC	Sep. 12	76	33.6	2.4	0.8	23.3	4.4	18.5	3.0	3.0	2.5	3.0	2.5	3.0	Deep kernels, slightly starchy, tough texture
Var #725Y	AC	Aug. 27	76	24.3	2.2	0.7	18.7	4.7	15.6	2.5	1.5	2.5	4.0	3.5	3.5	Good flavour, crispy texture, kernels release easily from cob
XTH1575	SW	Sep. 5	86	30.1	2.1	0.6	20.0	4.2	15.6	3.0	3.5	2.5	3.0	3.0	4.0	Crunchy texture, starchy
Shrunken (sh2) supersweet: white																
Iceberg (HMX5354)	HM	Sep. 5	74	26.4	2.5	0.9	19.8	4.3	16.0	3.5	3.0	3.0	2.0	2.0	2.5	Easy to harvest, some lodging, poor flavour
Average (sh2)		Sep. 3	75	28.0	2.2	0.7	21.1	4.4	16.9	2.9	2.9	3.1	2.9	2.9	2.8	

