

Sugar Enhanced & Synergistic Corn 2010

Cultivar	Source	Date of 50% Harvest	Marketable Yield		Cob Characteristics					Taste	Overall Rating	Comments
			000/ha	t/ha	Length (cm) ± SD	Width (cm) ± SD	# of Rows ± SD	Row Uniformity	Tip Fill			
Sugar Enhanced (SE): Bi-colour												
Bi-Licious	HS	Sep-14	15.0	5.2	20.9 ± 1.2	4.1 ± 0.2	18 ± 1.4	2.0	2.0	3.0	1.0	Poor stand, decent flavour, long, thin cobs
Bonjour	MM	Sep-14	69.2	22.2	17.1 ± 1.6	4.7 ± 0.2	17 ± 1.6	2.8	2.5	3.0	1.0	Poor stand, juicy, sweet but chalky texture
Envoy***	MM	Sep-14	78.3	25.9	17.7 ± 1.0	4.9 ± 0.3	16 ± 1.0	3.5	3.0	3.0	3.0	Poor stand, sweet and juicy, chalky texture
Fastlane	MM	Sep-14	85.8	30.2	15.7 ± 1.4	4.5 ± 0.9	16 ± 1.4	3.0	2.5	2.5	3.0	Good stand and yields, poor texture, juicy
Geronimo***	ST	Sep-14	61.7	23.1	16.3 ± 2.7	4.6 ± 0.6	17 ± 1.1	3.0	2.0	2.5	3.5	Chalky, large kernels, poor tip fill
Geronimo Early	ST	N/A	5.0	2.1	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
HMX 4380	HM	Sep-14	36.7	11.7	15.7 ± 0.6	4.5 ± 0.2	19 ± 1.9	3.0	3.5	2.5	2.5	Decent flavour, slightly chalky
Luscious	Ve	Sep-14	65.8	24.6	16.0 ± 1.4	5.0 ± 0.2	20 ± 0.8	2.5	2.5	2.0	3.0	Juicy, nice uniform cob shape, poor flavour
Manitou	MM	Sep-14	25.8	9.9	17.9 ± 1.1	4.7 ± 0.2	21 ± 2.2	2.0	3.0	3.0	2.5	Sweet flavour, thick cobs
Navajo	ST	Sep-14	70.8	26.6	14.1 ± 1.8	4.5 ± 0.2	17 ± 1.5	2.5	2.0	2.0	3.0	Good yields, nice looking short cobs, poor flavour
Seneca Arrow Head	Ve	Sep-14	40.8	9.4	15.9 ± 0.9	4.7 ± 0.3	17 ± 1.1	3.5	2.5	2.0	2.5	Poor stand and yields, slightly sweet, plump cobs
Synergy	SW	Sep-28	40.0	10.8	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Late
Average		Sep-14	49.6	16.8	16.7 ± 1.5	4.6 ± 0.4	17.3 ± 1.2	2.8	2.6	2.5	2.3	
Sugar Enhanced (SE): White												
Edelweiss	MM	Sep-14	81.7	30.3	17.9 ± 0.5	4.9 ± 0.9	18 ± 1.0	3.0	2.5	3.0	4.0	Good yields, juicy, sweet
Sugar Enhanced (SE): Yellow												
Big Jim	Os	Sep-28	28.3	9.9	19.7 ± 1.4	4.4 ± 0.2	17 ± 1.0	2.5	3.0	3.0	2.5	Good size and flavour, mainly immature cobs
Colorow	Ve	Sep-14	37.5	13.7	19.1 ± 0.8	4.7 ± 0.2	17 ± 1.7	2.5	3.0	2.5	2.5	Poor yields, good cob size, decent flavour
Kandy Korn Hybrid	WDM	N/A	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Late
Kernel Sweet	OSC	Sep-14	7.5	3.7	21.1 ± 0.7	4.0 ± 0.2	17 ± 1.7	1.5	2.0	2.5	2.5	Decent flavour, long, thin cobs
Miracle	Ve	Sep-28	25.8	9.9	18.4 ± 1.4	4.6 ± 0.3	16 ± 0.6	3.5	2.5	3.0	2.5	Poor yields. Good cob size, shape and taste
Spring Treat	Ve	Sep-14	52.5	13.7	17.7 ± 1.0	4.5 ± 0.2	14 ± 1.2	2.5	2.0	2.0	2.5	Poor yields, chalky texture
Average		Sep-14	24.7	8.2	18.4 ± 1.0	4.6 ± 0.2	15.7 ± 1.2	2.5	2.4	2.5	2.2	
Synergistic (SY): Bi-colour												
Bojangles***	CK	Sep-14	65.0	22.2	18.4 ± 1.9	4.4 ± 0.3	15 ± 1.5	2.5	2.5	2.5	3.0	Good yields with decent flavour
Cameo	CK	Sep-14	25.8	9.0	18.9 ± 0.9	4.5 ± 0.3	20 ± 1.8	2.5	1.5	2.5	2.5	Decent flavour, large uniform cobs, poor tip fill
Charisma	Os	Sep-28	41.7	13.0	18.6 ± 0.6	4.3 ± 0.2	16 ± 1.5	3.0	3.0	3.0	2.5	Moderately sweet juicy, good texture and shape
Frisky***	CK	Sep-14	69.2	21.8	16.7 ± 1.4	4.5 ± 0.2	17 ± 1.4	2.5	3.0	3.0	3.0	Good yields and flavour, poor texture
Kristine	SW, ST	Sep-14	8.3	3.6	18.8 ± 0.8	4.8 ± 0.4	20 ± 1.4	3.0	3.5	3.5	2.5	Poor yields, decent flavour, texture, nice size
Montauk	SW, Ve	Sep-28	18.3	7.4	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Late
Nantasket	ST, Ve	Sep-28	29.2	12.1	18.9 ± 1.1	4.5 ± 0.3	18 ± 1.5	3.5	3.0	2.5	3.0	Difficult to shuck, juicy, chalky flavour
Polka	CK	Sep-14	74.2	21.7	17.0 ± 1.4	4.4 ± 0.4	17 ± 2.0	2.5	2.5	4.0	4.0	Good yield and flavour, poor tip fill
Primus F1 Cruiser	RUPP	N/A	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Providence	SW	N/A	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Sparkler	SW	Sep-14	8.3	2.7	19.2 ± 0.8	4.0 ± 0.2	17 ± 1.1	3.5	2.5	2.0	2.0	Skinny cobs, late
Vitality	SW	Sep-14	35.8	12.5	16.5 ± 1.6	4.5 ± 0.2	15 ± 0.5	2.0	2.0	3.5	3.0	Juicy, sweet flavour, uniform cob size
Average		Sep-14	33.4	11.3	18.1 ± 1.2	4.4 ± 0.3	17.4 ± 1.4	2.7	2.6	2.9	2.3	

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continued

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Synergistic (SY): White												
Avalon	ST	N/A	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Mattapoissett	ST	Sep-28	14.2	5.8	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Synergistic (SY): Yellow												
Applause	Ve	Sep-14	10.8	3.4	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Sugar Enhanced / Synergistic Hybrid (SE/SY): Bi-colour												
	MM	Sep-28	11.7	4.7	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Monomony	MM	Sep-14	19.2	5.7	18.9 ± 1.7	4.0 ± 0.5	17 ± 1.5	3.0	3.5	3.0	2.5	Medium size cobs, good tip fill
Powwow	MM	Sep-28	10.0	2.6	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
Rendezvous	MM	Sep-14	22.5	4.4	16.5 ± 1.1	4.4 ± 0.3	15 ± 2.0	3.0	3.5	3.5	2.5	Sweet with good tip fill
Average		Sep-14	15.8	4.3	17.7 ± 1.4	4.2 ± 0.4	16 ± 1.7	3.0	3.5	3.3	1.8	
Sugar Enhanced / Synergistic Hybrid (SE/SY): White												
Kokopelli	MM	Sep-28	13.3	3.7	N/A	N/A	N/A	N/A	N/A	N/A	1.0	Did not mature
<p>Bold = Recommended in 2010 *** Recommended in previous trials. N/A = Data not available</p> <p style="text-align: center;">Date seeded: Jun-01 Date of first harvest: Sep-04 Date of final harvest: Sep-28</p> <p style="text-align: center;">Spacing: In row - 10 cm Between row: 1m</p> <p style="text-align: center;">Row uniformity: 1 - crooked rows 5 - straight rows Tip fill: 1 - poor 5 - excellent</p> <p style="text-align: center;">Sweetness: 1 - bland 5 - very sweet Overall Rating: 1 - poor 5 - excellent</p> <p style="text-align: center;">SD: The larger the number, the greater the variability in cob size.</p>												