



***WHAT'S NEW IN SWEET CORN?***

***2011 VARIETY TRIAL RESULTS***



# ***SUPER SWEET CORN VARIETY TRIALS, 2011***

## ***NOTES:***

- ***SMALL, REPLICATED (4X) PLOTS***
  - ***6 ROWS, 22' LONG, 34" APART***
- ***HAND-PLANTED (JAB-PLANTERS)***
- ***PLANTING DATES:***
- ***6/16 SH<sub>2</sub>***
- ***6/22 SE***
- ***HURRICANE IRENE***
  - ***LODGING***



# Supersweet (sh<sub>2</sub>) Corn Variety Characteristics, 2011

Cultivar	Picking Ease <sup>2</sup>	Tip Cover (inches)	Ear Length (inches)	Rows/Ear
2873	2.7	1.8	7.3	16.2
4012	2.7	2.7	7.4	16.9
7112	2.7	3.2	7.6	16.3
2573 XTRA	3.0	2.1	7.8	16.9
2876 XTRA	2.7	2.6	7.6	17.3
7002R	2.7	2.1	7.4	17.1
ACX 7905MR	2.7	2.4	7.5	16.9
BSS0982	2.0	3.0	7.5	15.4
BSS5419	2.5	2.5	7.6	17.6
BSS8040	2.3	3.0	7.7	17.2
EX08767143	2.7	2.6	7.6	17.8
Legion	2.3	2.2	7.7	17.1
Mirai 302	2.7	2.3	7.6	17.3
Mirai 336	3.0	2.8	7.5	15.6
Mirai 350	2.3	2.3	7.5	16.5
Primus	2.0	3.8	7.8	15.5
Stellar	2.0	2.5	7.4	17.2
XT 2170	2.7	2.8	7.6	15.8
XT 274A	2.3	2.6	7.7	16.7
XT 278A	3.0	2.8	7.6	16.6

# Sugar-enhanced Corn Variety Characteristics, 2011

Cultivar	Stand plants/row	Yield ears/row	Plant Ht. (inches)	Ear Ht. (inches)	Picking Ease <sup>2</sup>	Tip Cover (inches)	Ear Length (inches)	Rows/Ear
1102	19.8	14.8	81.2	25.7	2.0	3.2	7.2	15.5
Cameo	23.3	20.3	84.1	34.6	2.7	2.5	7.4	16.4
Espresso	24.0	24.0	73.8	16.4	2.7	2.3	8.0	15.6
Harris 1001	19.2	21.2	80.2	18.3	3.0	2.3	7.0	15.5
Kristine	20.7	20.0	68.1	14.3	3.0	2.9	7.2	15.7
Luscious	19.7	17.7	81.3	25.4	2.7	2.9	7.1	16.8
Monomoy	21.3	20.7	65.1	17.2	2.8	3.2	7.2	14.1
PowWow	22.3	22.3	94.0	30.9	2.8	2.1	7.0	17.8
Reflection	20.3	18.3	71.2	21.4	2.8	2.5	6.6	16.2
Renaissance	22.0	22.7	83.5	20.0	2.8	2.3	7.5	12.3
SEB6RH1080	24.0	22.0	65.3	14.8	2.5	3.1	7.2	16.1
Sparkler	24.0	23.7	76.7	20.6	2.4	2.8	7.5	16.8
Synergy	24.7	21.0	64.3	16.0	2.7	2.6	6.9	16.6
Temptation	22.3	21.2	76.5	20.7	2.5	2.4	7.1	15.6
Vitality	24.3	28.0	71.3	15.8	3.0	1.5	6.9	14.0
Tukey's HSD <sup>1</sup> 0.05	ns	3.2	3.4	1.6	ns	0.4	0.2	0.5

# ***BEST STAND - SE TYPES***

Synergy

Vitality

Sparkler

SEB6RH1080

Espresso

Cameo



# ***BEST EAR HEIGHT - SE TYPES***

Cameo

Pow Wow

1102

Luscious

Reflection





# *BEST PICKING EASE - SE TYPES*

Harris 1001  
Kristine  
Vitality



# ***BEST PICKING EASE - SH<sub>2</sub> TYPES***

2573 XTRA  
XTRA 278A  
Mirai 336





# ***BEST TIP COVER - SE TYPES***

1102

Monomoy

SEB6RH1080



# *BEST TIP COVER - SH<sub>2</sub> TYPES*

Primus

7112R

BSS8040

BSS5419



# ***BEST EAR LENGTH - SE TYPES***

Espresso  
Sparkler  
Renaissance  
Cameo





# ***BEST EAR LENGTH - SH<sub>2</sub> TYPES***

2573 Xtra Tender  
Primus  
XT 274A  
Legion  
BSS8040



# ***BEST YIELD - SE TYPES***

Vitality

Espresso

Sparkler

Renaissance

Pow Wow

SEB6RH1080



# ***BEST PERFORMERS – SE TYPES***

***SCORED WELL IN MOST CATEGORIES, INCLUDING STAND AND YIELD***

Espresso (70)  
SEB6RH1080 (74)  
Sparkler (78)  
Pow Wow (78)  
Cameo (84)





# ***ESPRESSO (70 DAYS, SE)***



- ***VERY GOOD STAND***
- ***VERY GOOD YIELD***
- ***POOR EAR HEIGHT***
- ***GOOD PICKING EASE***
- ***BEST EAR LENGTH***
- ***GOOD FLAVOR***

# **SEB6RH1080 (74 DAYS, SE)**



- **VERY GOOD STAND**
- **GOOD YIELD**
- **POOR EAR HEIGHT**
- **FAIR PICKING EASE**
- **GOOD EAR LENGTH**
- **VERY GOOD TIP COVER**
- **LOWEST ROW COUNT**

# SPARKLER (78 DAYS, SE)



- **GOOD STAND**
- **VERY GOOD YIELD**
- **GOOD EAR HEIGHT**
- **FAIR PICKING EASE**
- **FAIR EAR LENGTH**
- **VERY GOOD TIP COVER**
- **HIGH ROW COUNT**
- **NICE APPEARANCE**



# ***Pow Wow (78 DAYS, SE)***



- ***GOOD STAND***
- ***GOOD YIELD***
- ***GOOD EAR HEIGHT***
- ***GOOD PICKING EASE***
- ***FAIR EAR LENGTH***
- ***POOR TIP COVER***
- ***HIGHEST ROW COUNT***

# *CAMEO (84 DAYS, SE)*

- *GOOD STAND*
- *BEST EAR HEIGHT*
- *GOOD PICKING EASE*
- *GOOD TIP COVER*
- *GOOD EAR LENGTH*
- *HIGH ROW NUMBERS*
- *REFINED LOOK*
- *GOOD FLAVOR*



# *BEST PERFORMERS - SH<sub>2</sub> TYPES*

*SCORED WELL FOR MOST EAR CHARACTERISTICS*

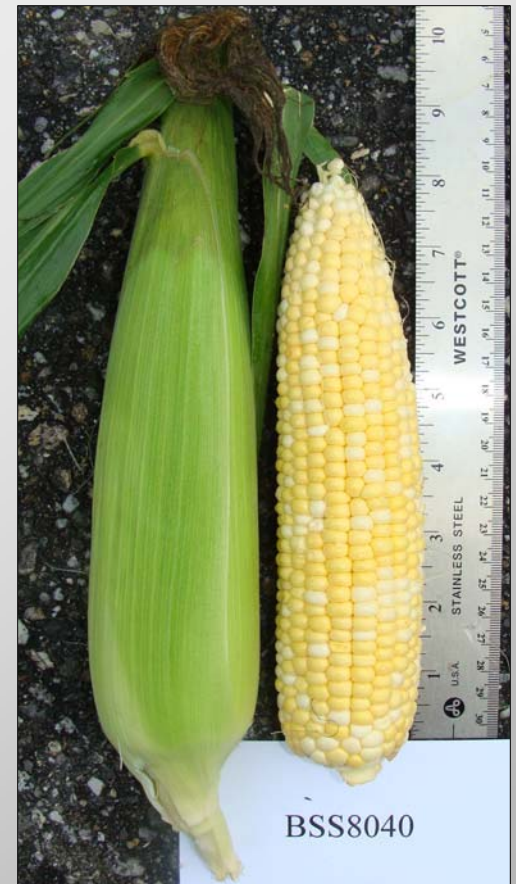
2573 Xtra Tender (73)

Mirai 302 (74)

4012 BC (75)

XT278A (78)

BSS8040 (79)





# 2573 XTRA TENDER (73 DAYS, SH<sub>2</sub>)



- **VERY GOOD PICKING EASE**
- **BEST EAR LENGTH**
- **FAIR TIP COVER**
- **GOOD ROW COUNT**

# MIRAI 302 BC (74 DAYS, SH<sub>2</sub>)



- **GOOD PICKING EASE**
- **GOOD EAR LENGTH**
- **FAIR TIP COVER**
- **VERY GOOD ROW COUNT**
- **REFINED APPEARANCE**
- **GOOD FLAVOR**

# **HARRIS 4012 BC (75 DAYS, SH<sub>2</sub>)**



- **GOOD PICKING EASE**
- **SLIGHTLY COMPACT EAR**
- **VERY GOOD TIP COVER**
- **GOOD ROW COUNT**
- **NICE APPEARANCE**
- **GOOD FLAVOR**



# ***XTRA TENDER 278A (78 DAYS, SH<sub>2</sub>)***



- ***VERY GOOD PICKING EASE***
- ***GOOD EAR LENGTH***
- ***GOOD TIP COVER***
- ***GOOD ROW COUNT***
- ***NICE APPEARANCE***
- ***GOOD FLAVOR***

# ***BSS 8040 (79 DAYS, SH<sub>2</sub>)***



- ***FAIR PICKING EASE***
- ***VERY GOOD EAR LENGTH***
- ***VERY GOOD TIP COVER***
- ***GOOD ROW COUNT***
- ***REFINED APPEARANCE***
- ***GOOD FLAVOR***
- ***BT-ENHANCED***

# *WITH THANKS...*

- Harris Seeds
- Johnny's
- Seedway
- Siegers
- Stokes
- Syngenta
- Maine Vegetable & Small Fruit Growers Association
- New England Vegetable & Berry Growers Association
- Greg Koller, Pete Lugner, Pat McManus & The Highmoor Farm Staff

