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 sh₂
  • 6/22 se

• Hurricane Irene
  - Lodging
## Supersweet (sh<sub>2</sub>) Corn Variety Characteristics, 2011

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Picking Ease&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Tip Cover (inches)</th>
<th>Ear Length (inches)</th>
<th>Rows/Ear</th>
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## Sugar-enhanced Corn Variety Characteristics, 2011

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<tr>
<th>Cultivar</th>
<th>Stand plants/row</th>
<th>Yield ears/row</th>
<th>Plant Ht. (inches)</th>
<th>Ear Ht. (inches)</th>
<th>Picking Ease$^2$</th>
<th>Tip Cover (inches)</th>
<th>Ear Length (inches)</th>
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$^1$ Significant at α = 0.05.
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$_2$ Types

2573 XTRA
XTRA 278A
Mirai 336
Best Tip Cover - se Types

1102
Monomoy
SEB6RH1080
**Best Tip Cover – sh₂ Types**

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<th>Primus</th>
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<td>BSS8040</td>
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Best Ear Length - se Types

Espresso
Sparkler
Renaissance
Cameo
Best Ear Length - SH$_2$ 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$_2$ 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, sh2)

- Very good picking ease
- Best ear length
- Fair tip cover
- Good row count
Mirai 302 BC (74 days, sh2)

- Good picking ease
- Good ear length
- Fair tip cover
- Very good row count
- Refined appearance
- Good flavor
HARRIS 4012 BC (75 days, sh2)

- Good picking ease
- Slightly compact Ear
- Very good tip cover
- Good row count
- Nice appearance
- Good flavor
Xtra Tender 278a (78 days, sh₂)

• Very good picking ease
• Good ear length
• Good tip cover
• Good row count
• Nice appearance
• Good flavor
BSS 8040 (79 days, sh₂)

- 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