

2011 Sweet Corn Variety Trials, University of Maine, Highmoor Farm

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Supersweet (Sh₂) and Augmented Supersweet Corn Variety Trial, University of Maine, Highmoor Farm

| Cultivar | Picking Ease ² | 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 |
| Tukey's HSD 0.05 | ns | ns | ns | ns |

Planted in 6 row plots, 40' long, 10" between seeds, 36" between rows, hand-planted: 4 replicates, randomized complete block design. Ear characteristics based on 8 ear sample per plot.

¹Tukey's HSD test: differences between values within a column must be greater than this to be considered significant.

²Picking ease rated on a scale of 1-3 with 3 being the easiest or best.

Supersweet (Se) and Augmented Supersweet Corn Variety Trial, University of Maine, Highmoor Farm

| Cultivar | Stand plants/row | Yield ears/row | Plant Ht. (inches) | Ear Ht. (inches) | Picking Ease ² | 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 | |
| Expresson | 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 ¹ | 0.05 | ns | 3.2 | 3.4 | 1.6 | ns | 0.4 | 0.2 | 0.5 |

Planted in 6 row plots, 40' long, 10" between seeds, 36" between rows, hand-planted: 4 replicates, randomized complete block design. Ear characteristics based on 8 ear sample per plot.

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²Picking ease rated on a scale of 1-3 with 3 being the easiest or best.

More information and photos can be seen at the Highmoor farm website (<http://umaine.edu/highmoor/research/>).