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# **Northern Ohio Sweet Corn Evaluation – 2007**

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**Seedway**  
**Rispen**  
**Mesa Maize**  
**Seminis**  
**Stokes**  
**Abbott-Cobb**  
**Syngenta**  
**Centest**  
**Rogers Syngenta**  
**Harris Moran**

- **To the many volunteer taste testers and their families** for sampling the varieties and rating their observations.

## Northern Ohio Sweet Corn Evaluation - 2007

Sweet corn is one of the most commonly grown fresh market crops in Northwest Ohio. Having two general genotypes and a wide array of different varieties within each genotype, it becomes difficult to choose what varieties to plant. To add to this confusion there is also the combination of the two genotypes referred to by triple sweets *su*. The objectives of the Northern Ohio Sweet Corn Evaluation were (1) to test and evaluate *sh<sub>2</sub>*, *se* and *su* sweet corn varieties under northern Ohio growing conditions for plant and ear characteristics and yield, and (2) to provide taste test results from the general public for several varieties. Each variety was judged using only plot numbers and only at the end of the evaluation were variety names substituted for plot numbers.

Plant evaluations were performed at regular intervals during the growing seasons and at harvest.

Seventeen *se* and/or *su* sweet varieties and fourteen varieties of *sh<sub>2</sub>* were evaluated (Tables 1, 2). Plots were established in a randomized complete block design with 4 replications per entry. Each rep was planted in 4 rows, harvesting only the middle two rows. Data collected on each entry included the following:

- Seedling vigor early and midseason
- Suckering
- Silk and harvest dates
- Snap rating (ease of ear removal from stalk)
- Ear height
- Final stand per 20 ft/row (2 ten ft/row harvest data rows)
- Marketable dozen per acre
- Flag appearance
- Husk cover
- Tip fill
- Rows of kernels/ear
- Ear color, length and diameter
- Brix value at harvest, 3 days storage, 5 days storage (Table 8, 13)

All values reported are based on the average of all 4 replications per entry, unless otherwise noted.

Plots were established on May 14, 2007, in rows spaced 30" apart and at a seeding rate of 3 seeds per foot of row. On June 12, all varieties were hand thinned to establish a spacing of 8 to 10 inches between plants. All cultural practices and field operations are listed in Table 3. Seedling vigor (emergence), mid-season vigor were taken along with silk date and harvest date (Tables 4, 9). Disease was not a problem in either of the plots. No evaluation was taken.

At harvest, ease of harvesting ear (snap rating), ear height, stand per 10 ft./row, marketable dozens per acre (Tables 5, 10). At harvest, 5 ears per rep were evaluated for flags, husk cover, tip fill, number of kernel rows/ear, ear color, length and diameter (Tables 6, 11).

As part of this continuing project, several different varieties were distributed to a group of volunteers for the purpose of rating varieties on appearance and taste. Individuals were given two different varieties and asked to judge each variety in two general areas. The first area was Appearance, defined as (1) husk color (2) size of ear and (3) kernel color. The second area was Taste, which included (1) tenderness (2) sweetness and (3) flavor. The evaluation form also asked for overall comments about each variety. Participants were encouraged to let each family member judge the corn individually. Varieties were only identified to participants as numbers.

The goal of the consumer taste results was to get the public's opinion on some of the sweet corn varieties tested in our trial this year. Most participants thought the test was interesting and very enjoyable. Sweet corn varieties selected for public opinion were selected by harvest ratings done at the OARDC North Central Agricultural Research Station. These ratings included appearance of rowing (how straight the rows of kernels were on the ears, tenderness and sweetness (raw taste test) (Tables 7, 12). Volunteer participants were asked to taste cooked sweet corn for evaluation. Some general observations of the taste test panel were that everyone has a different idea of how sweet corn should taste, some participants prefer immature corn while others prefer fully mature or over-mature ears, and people prefer longer ears. All participants volunteered for future taste test panels.

Table 1. Varieties and seed suppliers for *se* & *su* entries

**2007 North Ohio Sweet Corn Evaluation  
OARDC North Central Agricultural Research Station**

Varieties & Seed Companies

**SE/ SU Trial Varieties**

<b>Bi-Color SE Varieties</b>	<b>Supplier</b>
Revelation (68 day)	Harris Moran
Vitality (67 day)	Seminis
Montauk (80 day)	Mesa Maize
BC 0805 (82 day)	Rogers Syngenta
Reflection (72 day)	Harris Moran
Luscious (75 day)	Mesa Maize
Navajo (67 day)	Stokes
Jester II (67 day)	Stokes
BC 0808 (75 day)	Rogers Syngenta
HMX 6358 BES (66 day)	Harris Moran
Fastlane (67 day)	Mesa Maize
Bon Jour (70 day)	Mesa Maize
Precious Gem (80 day)	Mesa Maize
 <b>White Varieties</b>	
WH 0807 (76 day)	Rogers Syngenta
WH 0809 (82 day)	Rogers Syngenta
HMX 6359 WES (68 day)	Harris Moran
 <b>Yellow Variety</b>	
Spring Treat (68 day)	Mesa Maize

SH2 Trial Varieties Continued on Page 2

Table 2. Varieties and seed suppliers for *sh2* entries

## SH2 Trial Varieties

### Bi-Color SH2 Varieties

Fantastic (75 day)  
Obsession (81 day)  
Triumph (75 day)  
BSS 0982 (79 day)  
Mirai 350 BC (78 day)  
XTH 2171 (71 day)  
Sweet Surprise (72 day)

### Supplier

Stokes / Seedway  
Seminis  
Seedway  
Rogers Syngenta  
Centest  
Stokes  
Rispen

### White SH2 Varieties

Devotion (82 day)  
Iceberg (74 day)  
ABCO MS 951 W (76 day)

### Supplier

Seminis  
Harris Moran  
Abbott-Cobb

### Yellow SH2 Varieties

ACX MS 4011 Y (76 day)  
ACX ST 4098 Y (75 day)  
Garrison (81 day)  
Passion (81 day)

### Supplier

Abbott-Cobb  
Abbott-Cobb  
Rogers Syngenta  
Seminis

Table 3. Log of operations

### **2007 Log of Operations for Mark Koenig Sweet Corn Trial**

<u>Date</u>	<u>Project</u>	<u>Description of Operation</u>
5/8/2007	Sweet Corn	Applied fertilizers
5/8/2007	Sweet Corn	Worked Field with JD 6310, Kongskilde and packer to incorporate fertilizer
5/14/2007	Sweet Corn	Worked Field with JD 6310, Kongskilde and packer
5/14/2007	Sweet Corn	Planted SE and Sh2 variety trail
5/15/2007	Sweet Corn	Applied 1 pt / acre Dual Magnum
6/4/2007	Sweet Corn	Collected stand count data
6/6/2007	Sweet Corn	sidressed trial with 375 lbs / acre of 28-0-0 fertilizer
6/12/2007	Sweet Corn	cultivated with 2row and Kubota L3430
6/12/2007	Sweet Corn	Thin data rows to a 9-10 inch plant spacing
6/14/2007	Sweet Corn	Irrigated trial with 1 inch of H2O
6/25/2007	Sweet Corn	Irrigated trial with 1.2 inches of H2O
6/27/2007	Sweet Corn	Applied 2.5 oz / acre of Warrior Insecticide
7/3/2007	Sweet Corn	Applied 4 oz / acre of Mustang Max insecticide
7/9/2007	Sweet Corn	Put up electric fence around trial to exclude pests
7/9/2007	Sweet Corn	Applied 4 oz / acre of Spintor 2SC
7/11/2007	Sweet Corn	Irrigated trial with .9 inches of H2O
7/16/2007	Sweet Corn	Applied 1 pt / acre of Lannate LV insecticide
7/20/2007	Sweet Corn	Harvested varieties # 6, 9, 2, 14, 17
7/20/2007	Sweet Corn	Evaluated varieties # 6, 9, 2, 14, 17
7/21/2007	Sweet Corn	Applied 5.8 oz / acre of Asana XL
7/23/2007	Sweet Corn	Harvested varieties # 1, 7, 10, 15
7/23/2007	Sweet Corn	Evaluated varieties # 1, 7, 10, 15
7/23/2007	Sweet Corn	3 day after harvest Brix Test on varieties #2, 14, 17, 9, 6 & Harvested 22 & 23
7/25/2007	Sweet Corn	5 day after harvest Brix Test on varieties #2, 14, 17, 9, 6
7/25/2007	Sweet Corn	3 day after harvest Brix Test on varieties #7, 10, 1, 15
7/26/2007	Sweet Corn	Harvested varieties # 8 & 11
7/26/2007	Sweet Corn	Evaluated varieties # 8 & 11
7/26/2007	Sweet Corn	Applied 1.5 pts / acre of Lannate LV 3
7/30/2007	Sweet Corn	Harvested varieties # 4, 16, 12, 19, 20, 21, 26, 28 ,29
7/30/2007	Sweet Corn	Evaluated varieties # 4, 16, 12, 19, 20, 21,26, 28, 29
7/30/2007	Sweet Corn	5 day after harvest Brix Test on varieties #7, 10, 1, 15
7/30/2007	Sweet Corn	3 day after harvest Brix Test on varieties # 8, 11, 22, 23
8/2/2007	Sweet Corn	Harvested varieties # 3, 13, 25, 31, 18, 30, 24
8/2/2007	Sweet Corn	Evaluated varieties # 3 & 13
8/2/2007	Sweet Corn	5 day after harvest Brix Test on varieties # 8, 11, 22, 23
8/2/2007	Sweet Corn	3 day after harvest Brix Test on varieties # 16, 12, 4, 20 21 19, 26, 28, 29
8/5/2007	Sweet Corn	5 day after harvest Brix Test on varieties # 16, 12, 4
8/6/2007	Sweet Corn	Harvested and evaluated variety # 5 & 27
8/6/2007	Sweet Corn	3 day after harvest Brix Test on varieties # 3, 13, 30, 24 ,25, 31, 18
8/8/2007	Sweet Corn	5 day after harvest Brix Test on varieties # 3, 13, 20, 21, 19, 26, 28, 29
8/8/2007	Sweet Corn	3 day after harvest Brix Test on varieties # 5 & 27
8/8/2007	Sweet Corn	5 day after harvest Brix Test on varieties # 3, 13, 30, 24, 25, 31, 18
8/8/2007	Sweet Corn	3 day after harvest Brix Test on varieties # 5
8/10/2007	Sweet Corn	5 day after harvest Brix Test on varieties # 5 & 27

Table 4. Plant evaluation se & su entries

## 2007 Northern Ohio Sweet Corn Trial (Plant Evaluation SE)

Varieties	Seedling Emergence %	Mid-season Vigor	Tassel Date	Suckers (1-3)	Silk Date	Harvest Date
<b><u>Bi-Color Varieties</u></b>						
Navajo	88.6	3	6/28	1	7/5	7/23
Jester II	85.5	3	6/28	1	7/5	7/23
BC 0805	90.9	3	7/9	1	7/11	8/2
BC 0808	85.2	2.75	7/2	2	7/9	7/30
HMX 6358 BES	87	3.75	6/28	1	7/5	7/20
Revelation	84.3	2.75	7/5	2	7/9	7/26
Reflection	84.4	2.25	7/5		7/9	7/26
Fastlane	72.2	2.5	6/28	1	7/2	7/23
Bon Jour	91.5	3	7/2		7/5	7/23
Luscious	88.5	3.25	7/2	1	7/9	7/26
Precious Gem	86.4	3.5	7/5	1	7/11	7/30
Montauk	91.8	3	7/9	1	7/11	8/2
Vitality	87.9	3	6/28	2	7/2	7/20
<b><u>White Varieties</u></b>						
WH 0807	88.2	3.5	7/5	2	7/9	7/30
WH 0809	89.4	2	7/9	3	7/18	8/5
HMX 6359 WES	92.1	3.75	6/28	1	7/5	7/20
<b><u>Yellow Varieties</u></b>						
Spring Treat	84	2.5	6/28		7/2	7/23

### Rating Scale:

Seeding Emergence; percentage of emergence planted 83 seeds per 35ft row

Mid season : 1=poor (weak) 3= average 5=outstanding

Sucker: 0 = no suckers 1= few 2 = moderate 3= severe

Tasseling date = 50% or more of the plants tasseling in all 4 reps

Silking date = 50% or more of plants silking in all 4 reps

Table 5. Harvest Data se & su Entries

## 2007 Northern Ohio Sweet Corn Evaluation (Harvest Data SE)

Varieties	Snap (1 – 5)	Ear Height (Inches)	Stand Per/acre	Harvested Dozen/ acre	Marketable Dozen/acre
<b><u>Bi-Color Varieties</u></b>					
<b>Navajo</b>	3.75	20	21,956	1,811	1,811
<b>Jester II</b>	3.5	24.25	21,086	1,974	1,793
<b>BC 0805</b>	4	22.5	21,955	1,884	1,811
<b>BC 0808</b>	2.5	15.5	22,608	1,974	1,811
<b>HMX 6358 BES</b>	4	22.75	19,782	1,992	1,829
<b>Revelation</b>	4	15	20,652	1,757	1,648
<b>Reflection</b>	3.5	18	20,652	1,793	1,666
<b>Fastlane</b>	3	12.25	21,521	1,884	1,684
<b>Bon Jour</b>	3.75	17.5	23,913	2,010	1,902
<b>Luscious</b>	3.5	18	21,956	1,865	1,793
<b>Precious Gem</b>	4.25	19.5	20,217	1,757	1,684
<b>Montauk</b>	4	23.5	24,130	2,028	2,028
<b>Vitality</b>	4.5	13.75	19,782	2,282	2,192
<b><u>White Varieties</u></b>					
<b>WH 0807</b>	3.75	19	20,869	1,775	1,594
<b>WH 0809</b>	3	22.5	20,652	2,047	1,992
<b>HMX 6359 WES</b>	4.25	16.25	20,434	1,775	1,612
<b><u>Yellow Varieties</u></b>					
<b>Spring Treat</b>	2	11.75	23,260	1,992	1,829

Snap: 1= difficult    3= average    5= very easy

Table 6. Ear Evaluation se & su entries

## 2007 Northern Ohio Sweet Corn Evaluation Ear Evaluation SE

Varieties	Husk Cover	Flags	Tip Fill	Rows (AVG)	Raw Kernel Color	Length (Inches)	Diameter (Inches)
<b><u>Bi-Color Varieties</u></b>							
<b>Navajo</b>	3	5	5	16	4	8.05	1.95
<b>Jester II</b>	4	5	5	16	3	7.9	1.8
<b>BC 0805</b>	4	3	4	16	3	9.5	1.8
<b>BC 0808</b>	3	4	5	20	4	8.4	2.05
<b>HMX 6358 BES</b>	2	3	5	14	5	8	1.7
<b>Revelation</b>	3	3	5	16	5	8.2	1.95
<b>Reflection</b>	2	3	4	18	4	8.35	1.95
<b>Fastlane</b>	2	5	5	14	4	7.7	1.7
<b>Bon Jour</b>	2	5	5	16	5	8.1	1.8
<b>Luscious</b>	2	5	5	20	4	8.75	2.15
<b>Precious Gem</b>	4	4	4	16	3	8.9	1.95
<b>Montauk</b>	2	5	5	18	5	8.9	2
<b>Vitality</b>	3	4	5	14	4	8	1.75
<b><u>White Varieties</u></b>							
<b>WH 0807</b>	4	5	5	18	5	8.35	2
<b>WH 0809</b>	3	2	4	16	5	9.05	1.9
<b>HMX 6359 WES</b>	2	3	5	16	5	7.5	1.8
<b><u>Yellow Varieties</u></b>							
<b>Spring Treat</b>	2	5	5	14	5	7.9	1.9

Flags: 1= no flags    3= somewhat attractive    5= long & attractive  
 Husk cover: 1 = no cover    3 = adequate tip cover    5 = abundant tip cover  
 Tip Fill: 1 = more than 2 inch gag    3 = 1 inch gap    5 = complete to the end  
 Color: 1 = Dull    3 = average & uniform    5 = bright excellent contrast

Table 7. Raw taste and appeal evaluation se & su entries

## 2007 Northern Ohio Sweet Corn Trial (Taste & Appeal SE)

Varieties	Rowing	Tenderness	Sweetness	Flavor	Brix	Taste Test (Public)
<b><u>Bi-Color Varieties</u></b>						
Navajo	4	5	5	5	16	X
Jester II	3	3	3	3	16	
BC 0805	4	5	5	5	15.5	X
BC 0808	5	4	4	4	18	X
HMX 6358 BES	4	4	4	5	18	X
Revelation	4	5	4	5	17	X
Reflection	4	5	5	5	19	X
Fastlane	4	3	2	2	15	
Bon Jour	4	4	5	5	17	X
Luscious	4	5	4	5	14	X
Precious Gem	4	4	5	4	14	
Montauk	4	4	5	5	16	X
Vitality	4	5	5	4	17	X
<b><u>White Varieties</u></b>						
WH 0807	4	4	5	5	13.5	X
WH 0809	5	5	5	4	14.5	X
HMX 6359 WES	4	3	5	4	14	X
<b><u>Yellow Varieties</u></b>						
Spring Treat	3	4	5	4	20	X

Grading scales:

Rowing (straightness): 1 = no uniformity    3 = mostly straight    5 = straight & uniform

**Tenderness, Sweetness and Flavor were evaluated with raw sweet corn**

Tenderness:            1 = tough            3 = somewhat tender    5 = very tender  
 Sweetness:            1 = bland            3 = somewhat sweet    5 = very sweet  
 Flavor:                1 = poor            3 = average            5 = excellent

Table 8. Brix Ratings

**2007 Northern Ohio Sweet Corn Evaluation  
Brix Ratings Cold Storage**

<b>Varieties</b>	<b>Harvest Brix</b>	<b>3 Day Storage Brix</b>	<b>5 Day Storage Brix</b>	<b>Taste Test (Public)</b>
<b><u>Bi-Color Varieties</u></b>				
<b>Navajo</b>	16	18	16.5	X
<b>Jester II</b>	16	15	13	
<b>BC 0805</b>	15.5	12	13	X
<b>BC 0808</b>	18	13	12.5	X
<b>HMX 6358 BES</b>	18	16	12.5	X
<b>Revelation</b>	17	16	13	X
<b>Reflection</b>	19	11	12	X
<b>Fastlane</b>	15	18	14	
<b>Bon Jour</b>	17	21.5	16	X
<b>Luscious</b>	14	12.5	15.5	X
<b>Precious Gem</b>	14	11	11.5	
<b>Montauk</b>	16	10.5	11	X
<b>Vitality</b>	17	14	14	X
<b><u>White Varieties</u></b>				
<b>WH 0807</b>	13.5	16	13	X
<b>WH 0809</b>	14.5	14.5	14	X
<b>HMX 6359 WES</b>	14	12.5	11.5	X
<b><u>Yellow Varieties</u></b>				
<b>Spring Treat</b>	20	16.5	16	X

Table 9. Plant evaluation sh2 entries

## 2007 Northern Ohio Sweet Corn Trial (Plant Evaluation Sh2)

Varieties	Seeding Emergence %	Mid Season Vigor	Tassel Date	Suckers (1-3)	Silk Date	Harvest Date
<b><u>Bi-Color Varieties</u></b>						
<b>BSS 0982</b>	80.7	2.75	7/9	2	7/18	8/2
<b>Mirai 350 BC</b>	86.7	3	7/5	1	7/11	7/30
<b>Triumph</b>	87.9	2.25	7/5		7/11	7/30
<b>Fantastic</b>	84.3	3	7/5		7/11	7/30
<b>XTH 2171</b>	86.4	4	7/2		7/9	7/25
<b>Sweet Surprise</b>	87.6	4	7/2		7/9	7/25
<b>Obsession</b>	87.6	3	7/9	1	7/18	8/2
<b><u>White Varieties</u></b>						
<b>ABCO MS951 W</b>	90	2.5	7/9	1	7/18	8/2
<b>Iceberg</b>	88.8	3	7/9	2	7/11	7/30
<b>Devotion</b>	68	3	7/9	1	7/18	8/5
<b><u>Yellow Varieties</u></b>						
<b>ACX MS 4011 Y</b>	81	2.75	7/5	1	7/11	7/30
<b>ACX ST 4098 Y</b>	79.9	2.75	7/5	1	7/11	7/30
<b>Garrison</b>	79.8	3	7/11	1	7/18	8/2
<b>Passion</b>	68.6	2	7/9	1	7/18	8/2

### Rating Scale:

Seeding Emergence; percentage of emergence, planted 83 seeds per 35ft row

Mid season : 1=poor (weak) 3= average 5=outstanding

Sucker: 0 = no suckers 1= few 2 = moderate 3= severe

Silking date = 50% or more of plants silking in all 4 reps

Tasseling date = 50% or more of the plants tasseling in all 4 reps

Table 10. Harvest evaluation sh2 entries

**2007 Northern Ohio Sweet Corn Trial (Harvest Data Sh2)**

<b>Varieties</b>	<b>Snap (1 – 5)</b>	<b>Ear Height (Inches)</b>	<b>Stand Per/acre</b>	<b>Harvested Dozen/ acre</b>	<b>Marketable Dozen/acre</b>
<b><u>Bi-Color Varieties</u></b>					
<b>BSS 0982</b>	3.25	18.25	21,521	2,028	1,974
<b>Mirai 350 BC</b>	3.75	20.5	21,086	1,884	1,829
<b>Triumph</b>	3.5	17.5	21,739	1,811	1,648
<b>Fantastic</b>	3.5	16.25	21,086	1,811	1,666
<b>XTH 2171</b>	3.75	16	22,391	1,920	1,884
<b>Sweet Surprise</b>	3	16.5	23,043	2,047	1,920
<b>Obsession</b>	3.5	24	22,173	2,192	2,065
<b><u>White Varieties</u></b>					
<b>ABCO MS951 W</b>	3	19.75	21,086	2,228	2,083
<b>Iceberg</b>	3.5	17.5	22,173	1,992	1,829
<b>Devotion</b>	4	24	20,217	1,648	1,630
<b><u>Yellow Varieties</u></b>					
<b>ACX MS 4011 Y</b>	3.25	15	22,608	2,065	1,847
<b>ACX ST 4098 Y</b>	3.75	17.25	22,173	2,065	1,938
<b>Garrison</b>	3	22.5	20,869	2,083	1,992
<b>Passion</b>	3.75	21.5	22,173	2,173	2,047

Snap: 1= difficult    3= average    5 very easy

Table 11. Ear evaluation sh2 entries

**2007 Northern Ohio Sweet Corn Evaluation (Ear Evaluation Sh2)**

Varieties	Husk Cover	Flags	Tip Fill	Rows (AVG)	Raw Kernel Color	Length (Inches)	Diameter (Inches)
<b><u>Bi-Color Varieties</u></b>							
<b>BSS 0982</b>	2	5	4	16	5	8.7	1.9
<b>Mirai 350 BC</b>	4	4	4	16	4	8.35	1.85
<b>Triumph</b>	3	5	5	16	5	8.1	1.9
<b>Fantastic</b>	2	5	5	18	5	8.05	2
<b>XTH 2171</b>	3	5	5	16	5	8.45	1.9
<b>Sweet Surprise</b>	3	5	5	18	3	8.1	1.8
<b>Obsession</b>	3	4	4	16	5	8.5	1.77
<b><u>White Varieties</u></b>							
<b>ABCO MS951 W</b>	2	5	5	16	5	7.6	1.8
<b>Iceberg</b>	2	5	5	16	4	8.26	1.8
<b>Devotion</b>	2	4	5	18	5	8.6	2
<b><u>Yellow Varieties</u></b>							
<b>ACX MS 4011 Y</b>	3	5	5	18	5	8.1	1.85
<b>ACX ST 4098 Y</b>	2	4	4	16	4	8.7	1.95
<b>Garrison</b>	3	5	3	18	5	8.45	1.9
<b>Passion</b>	2	3	4	16	5	8.8	1.9

Flags: 1= no flags    3= somewhat attractive    5= long & attractive  
Husk cover: 1 = no cover    3 = adequate tip cover    5 = abundant tip cover  
Tip Fill: 1 = more than 2 inch gap    3 = 1 inch gap    5 = complete to the end  
Color: 1 = Dull    3 = average & uniform    5 = bright excellent contrast

Table 12. Raw taste and appeal sh2 entries

## 2007 Northern Ohio Sweet Corn Evaluation (Taste & Appeal Sh2)

Varieties	Rowing	Tenderness	Sweetness	Flavor	Brix	Taste Test (Public)
<b><u>Bi-Color Varieties</u></b>						
<b>BSS 0982</b>	5	5	5	5	13	X
<b>Mirai 350 BC</b>	5	4	5	5	12	
<b>Triumph</b>	4	4	5	5	10	X
<b>Fantastic</b>	4	5	5	5	11	X
<b>XTH 2171</b>	4	3	4	4	12.5	X
<b>Sweet Surprise</b>	4	3	3	3	10.5	X
<b>Obsession</b>	5	4	5	4	10.5	X
<b><u>White Varieties</u></b>						
<b>ABCO MS951 W</b>	4	5	5	5	14.5	X
<b>Iceberg</b>	4	4	5	4	11.5	
<b>Devotion</b>	4	4	5	5	10	X
<b><u>Yellow Varieties</u></b>						
<b>ACX MS 4011 Y</b>	5	4	5	4	11	
<b>ACX ST 4098 Y</b>	3	5	5	4	11	X
<b>Garrison</b>	3	2	2	2	10.5	
<b>Passion</b>	4	4	5	5	11	X

Grading scales:

Rowing (straightness): 1 = no uniformity    3 = mostly straight    5 = straight & uniform

**Tenderness, Sweetness and Flavor were evaluated with raw sweet corn**

Tenderness:    1 = tough            3 = somewhat tender    5 = very tender

Sweetness:    1 = bland            3 = somewhat sweet    5 = very sweet

Flavor:        1 = poor            3 = average            5 = excellent

Table 13. Brix Rating sh2

**2007 Northern Ohio Sweet Corn Evaluation  
Brix Ratings Cold Storage**

<b>Varieties</b>	<b>Harvest Brix</b>	<b>3 Day Storage Brix</b>	<b>5 Day Storage Brix</b>	<b>Taste Test (Public)</b>
<b><u>Bi-Color Varieties</u></b>				
<b>BSS 0982</b>	13	8.5	11	X
<b>Mirai 350 BC</b>	12	12	10.5	
<b>Triumph</b>	10	11.5	7	X
<b>Fantastic</b>	11	9.5	11	X
<b>XTH 2171</b>	12.5	6.5	6.5	X
<b>Sweet Surprise</b>	10.5	9	10.5	X
<b>Obsession</b>	10.5	8	11.5	X
<b><u>White Varieties</u></b>				
<b>ABCO MS951 W</b>	14.5	13	12	X
<b>Iceberg</b>	11.5	9	8	
<b>Devotion</b>	10	10	10	X
<b><u>Yellow Varieties</u></b>				
<b>ACX MS 4011 Y</b>	11	10.5	9	
<b>ACX ST 4098 Y</b>	11	12	7	X
<b>Garrison</b>	10.5	8	11.5	
<b>Passion</b>	11	9.5	10.5	X

# Public Evaluations

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Navajo**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		1	9	2
Size of Ear		1	9	2
Kernel Color		2	8	2
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	7	3
Sweetness		5	4	3
Flavor		4	5	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **BC 0805**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		1	2	1
Size of Ear			1	3
Kernel Color			3	1
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness			2	2
Sweetness		1		3
Flavor		1	1	2

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for **BC 0808**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	2	2
Size of Ear			4	2
Kernel Color			4	2
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		4	1	1
Sweetness	1	3	1	1
Flavor		3	2	1

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **WH 0809**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	5	3
Size of Ear		1	4	5
Kernel Color		4	2	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	2	6
Sweetness	2	2	6	2
Flavor	2	1	4	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **HMX 6358 BES**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		7	14	2
Size of Ear	2	10	10	1
Kernel Color		7	13	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	9	11
Sweetness	1	8	9	5
Flavor	1	2	14	6

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Revelation**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		4	5	2
Size of Ear		6	3	2
Kernel Color		3	5	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		1	6	4
Sweetness		1	7	3
Flavor		2	4	5

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Reflection**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		4	11	2
Size of Ear		5	9	3
Kernel Color		3	12	2
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		5	7	5
Sweetness		7	4	6
Flavor		7	5	5

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Bon Jour**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		6	9	2
Size of Ear		9	6	2
Kernel Color	1	5	8	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness	1	10	4	2
Sweetness	1	10	4	2
Flavor		10	4	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Luscious**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	9	6
Size of Ear		3	5	9
Kernel Color	1	2	7	7
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness	1	6	3	7
Sweetness	3	4	4	6
Flavor	3	4	3	7

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Montauk**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		1	3	2
Size of Ear	1			5
Kernel Color		1		5
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness			3	3
Sweetness			2	4
Flavor			1	5

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Vitality**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	8	3
Size of Ear		6	4	3
Kernel Color		6	4	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness			9	4
Sweetness		3	9	1
Flavor		3	8	2

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Spring Treat**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		6	11	1
Size of Ear		8	8	3
Kernel Color		7	9	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		5	11	3
Sweetness		4	14	1
Flavor		4	12	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **WH 0807**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	6	4
Size of Ear		3	5	4
Kernel Color		2	8	2
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		1	9	2
Sweetness		2	7	3
Flavor	1	1	7	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **HMX 6359 WES**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		6	12	5
Size of Ear	1	11	7	3
Kernel Color		14	7	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		6	12	5
Sweetness	1	11	8	3
Flavor	1	11	8	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **BSS 0982**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		4	2	4
Size of Ear		2	4	4
Kernel Color		1	4	5
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		3	5	2
Sweetness	1	4	1	4
Flavor	1	4	1	4

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Triumph**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	6	2
Size of Ear		3	5	2
Kernel Color		2	4	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		1	8	1
Sweetness		1	6	3
Flavor		1	6	3

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Fantastic**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		1	5	3
Size of Ear		1	4	5
Kernel Color		1	4	5
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness			6	4
Sweetness			5	5
Flavor			4	6

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **XTH 2171**  
 Please rate each sample by the following criteria:  
 Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		9	13	8
Size of Ear		11	11	7
Kernel Color		9	15	7
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		14	9	7
Sweetness		15	9	7
Flavor	1	10	10	7

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Sweet Surprise**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		6	7	6
Size of Ear	2	4	9	4
Kernel Color	1	2	10	6
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	11	6
Sweetness		3	10	6
Flavor		3	10	6

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Obsession**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		4	3	3
Size of Ear		4	3	3
Kernel Color		2	4	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		4	3	3
Sweetness		3	2	4
Flavor		4	2	4

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **ABCO MS951 W**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		3	3	3
Size of Ear		6	1	2
Kernel Color	1	4	1	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		5	1	3
Sweetness		4	3	2
Flavor		4	4	1

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Devotion**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		2	4	4
Size of Ear			5	5
Kernel Color		2	4	4
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	4	4
Sweetness		1	4	5
Flavor		1	4	5

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **ACX ST4098Y**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		3	5	2
Size of Ear		2	5	3
Kernel Color		3	4	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		2	7	1
Sweetness		2	7	1
Flavor		1	7	2

**Overall Experience:**

## 2007 Northern Ohio Sweet Corn Evaluation



Public evaluation results for: **Passion**

Please rate each sample by the following criteria:

Rating number maybe individual or family group

<b>Appearance:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Husk color		1	4	2
Size of Ear		1	2	4
Kernel Color		1	3	3
<b>Taste:</b>	<b>Poor</b>	<b>Acceptable</b>	<b>Very Good</b>	<b>Excellent</b>
Tenderness		1	4	2
Sweetness			5	2
Flavor			5	2

**Overall Experience:**