



Kahuku Corn Variety Trials  
August 2006



New varieties have larger husk with emerging tips



New Variety 10 C 2  
Green Inner Silk



New Variety SS C 16  
Green Inner Silk



New Variety 10 C 11  
Green Inner Silk



New Variety: JB C 11  
Green Inner Silk



Industry Standard: 10 A  
Brown Inner Silk



Mainland Corn: Seminis Seeds: Hollywood (Bi-color)  
Green Inner Silk



Mainland Corn: Seminis Seeds: Sweet Talk  
Green Inner Silk



Mainland Corn: Seminis Seeds: Passion  
Yellow Corn  
Green Inner Silk



Mainland Corn: Seminis Seeds: Devotion  
White Corn  
Green Inner Silk



Mainland Corn: Seminis Seeds: Obsession  
Green Inner Silk



GSS 0966 (Bt Corn)  
Green Inner Silk



**Corn Taste Testing Comments**  
(Kahuku Brand, Nozawa Farms, Ricky Rabago Farm)

**Comments:**

- All Hawaiian super sweets have a strong tillering effect
- Heavy tillering on all Hawaiian Super sweet varieties grown in Kahuku
- New super sweet varieties have emerging husk at the corn tips
- All varieties relatively low levels of rust and blight during spring and summer months
- All mainland varieties relatively easy to husk and peel
- Sarah tougher shell than 10 A in Kahuku, not as sweet as 10 A
- Sarah is a big corn and ripens faster than 10 A
- 10 C 2 very chewy
- 10 A softer shell than 10 C2
- 10 A in lower Kahuku fields sweeter than trial area
- 10 C 11 good raw, but not sweet when cooked
- 10C 2 sweet when cooked, but not sweet when raw
- JB C 11 – Ok, but late maturing
- GSS 0966 doesn't compare to 10 A in taste in Kahuku, but two corns per ear
- Mainland corn very tender
- Obsession soft and best tasting when compared against other mainland corn varieties
- Hollywood same texture as Obsession but not as sweet
- Hollywood is a nice bi-color variety, but lots of ear worms low in the husk of corn
- Sweet Talk strange mushroom like taste, but multiple ears
- Passion-ok
- Devotion (white corn) no taste, no sweetness
- More earworms in mainland varieties than Hawaiian super sweets
- Mainland corns lose sweetness with extended shelf life

Of all the varieties evaluated and tasted, 10 A still remains a preferred variety among Kahuku super sweet corn farmers. 10 A has the most uniform growth, ideal plant and ear harvesting height and comparable yields and ear length as the proposed new Hawaiian super sweet varieties. The 10 A variety also does not have tip emergence as with the new Hawaiian super sweet varieties. Tip emergence is a problem during the winter months when moisture and rain penetrate down into the fruit area causing fruit rot.