An Essay of Super Sweet Corn (Zea mays L.) F1 Hybrids Grown in La Costa De Hermosillo, Mexico, Poster Board #075

Tuesday, August 3, 2010
Springs F & G

Santiago Ayala, ASHS, member , Universidad de Sonora, Sonora 83250, Mexico
***Everardo Zamora** , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico*
Jose Jesus Juvera Bracamontes , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Fernando Juvera Gonzalez , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Jose Cosme Guerrero , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Jose Alberto Avila , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Damian Martinez , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Gabriela Juvera Gonzalez , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico
Jose Juvera Gonzalez , Agricultura y Ganaderia, University of Sonora, Sonora 83250, Mexico

A super sweet corn Hybrids experiment was carried out utilizing a completely randomized design in La Costa de Hermosillo, Mexico 14 km west far away Hermosillo city during 2007 autumn season. Eight super sweet corn F_1 Hybrids were tested on a grower commercial field. The plots were established under a drip irrigation system considering 1.8 m apart between each drip irrigation line and 50 cm between row plants, sowing 8 corn seeds per lineal meter (approximately a population of 90,000 plants per ha). The evaluated super sweet corn F_1 Hybrids were: Jubilee Plus, GSS-5865, GSS-5771, GSS-5362, GSS-3381, WSS-1921, GH-2547, and WSS 3681. According to results recorded in this field super sweet corn F_1 Hybrids essay, most Hybrids reached high yield and quality for international market. All Hybrids were harvested 65 days after sowing. The super sweet corn Hyd. GSS-5362 recorded the longest ear sized 18" (45 cm). Highest sugar levels were recorded up to 19.9 ºbrigs in GH-2547, and 16 ºbrigs were recorded in Jubilee Plus, GSS-5865, and GSS-5362 super sweet F_1 Hybrids. Remaining super sweet corn Hybrids reached a range of sugar from 13.8 to 15.3 ºbrigs. About yielding, the outstanding super sweet corn Hybrids were GSS-5362 and GSS-5865 recording 1,376 and 1,222 ear boxes per hectare respectively. When packing ears, cartoon boxes of four dozens ears capacity were used.

See more of: Crop Physiology: Cross-Commodity 1 Poster
See more of: Oral and Poster Abstracts