

TITLE:
VARIETIES

DEVELOPING HIGH-OLEIC PEANUT
WITH MULTIPLE DISEASE RESISTANCE

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- In the summer of 2006, several crosses were made in the greenhouses to produce F₁ hybrid seeds from high-oleic *A. hypogaea* cultivars (Gregory, Perry, ANorden, Hull and SunOleic 97R) x the tetraploid, multiple disease resistant germplasm lines derived from *A. cardenasii* and also 4 disease resistant experimental breeding lines.
- Pods were harvested in the greenhouses in late October, 2006 and a total of 66 F₁ hybrid combinations resulted in viable seeds.
- These F₁ hybrid seeds are being sent to Puerto Rico in November 2006 for planting in the winter nursery.
- Flavor analysis of interspecific breeding lines indicated that they have similar flavor characteristics as the commercial standard, NC 7.

167
FINAL
2006
NC

contol

BIO
190