

'GEORGIA-08V'

A New High-Yielding, High-Oleic, TSWV-Resistant, Large-Seeded, Virginia-Type Peanut Variety

by

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'Georgia-08V' is a new high-yielding, high-oleic, TSWV-resistant, large-seeded, virginia-type peanut variety that was released in 2008 by the Georgia Experiment Stations. It was developed at the University of Georgia, Coastal Plain Experiment Stations in Tifton, GA.

Georgia-08V has a high level of resistance to tomato spotted wilt disease caused by *Tomato spotted wilt virus* (TSWV). It is intended for the same market as other virginia-types. Georgia-08V has the high-oleic and low-linoleic fatty acid ratio for improved oil quality and longer shelf-life for in-shell virginia-type peanuts.

During the past four years (2004-2007) averaged over 38 multilocation tests in Georgia, Georgia-08V was found to have the lowest percent TSWV incidence and the highest pod yield, highest TSMK grade, larger seed size, and highest dollar value return per acre compared to other virginia-types tested each year. Georgia-08V was tested experimentally as GA 012535.

During 2008, Georgia-08V was again compared to four other virginia-type varieties over multilocations in Georgia (Table 1), Georgia-08V was again found to be the lowest in percent disease, and the highest in yield, grade, and dollar value return per acre compared to CHAMPS, Perry, Gregory, and NC-V 11.

Limited seed supplies will be available for Georgia-08V in the 2010 planting season. So, interested growers should consider an early seed request for the upcoming growing season. Georgia-08V combines high-yield, high-TSWV resistance, and the high-oleic trait with medium maturity into a large-seeded, virginia-type peanut variety.

Table 1. 2008 Average Field Test Performance of Georgia-08V vs. Four Other Virginia-Type Varieties over Multilocations in Georgia.

Virginia Variety	Disease (%)	Yield (lb/a)	TSMK (%)	ELK (%)	Seed (no./lb)	Value (\$/a)
*Georgia-08V	30	4640	74	55	544	867
CHAMPS	43	3991	69	40	579	722
Perry	52	3766	69	38	666	675
Gregory	44	3815	66	46	634	653
NC-V 11	53	3455	68	31	683	569

* High-Oleic