

# 'GEORGIA-07W'

## A New High-Yielding, TSWV-Resistant, White Mold-Resistant, Runner-Type Peanut Variety

by

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'Georgia-07W' is a new high-yielding, TSWV-resistant, white mold-resistant, runner-type peanut variety that was released in 2007 by the Georgia Experiment Stations. It was developed at the University of Georgia, Coastal Plain Experiment Stations in Tifton, GA.

Georgia-07W has a high level of resistance to tomato spotted wilt disease caused by *Tomato spotted wilt virus* (TSWV) and the white mold or stem rot disease in peanut. It is intended for the same market as other runner-types. Georgia-07W is a large-seeded runner-type variety with medium maturity and dark green leaf color.

In several, multilocation tests conducted in Georgia during the past four years (2004-2007), Georgia-07W was found to be among the lowest in mid-season TSWV incidence and late-season total disease incidence and among the highest in pod yield, TSMK grade, and dollar value return per acre compared to other runner-types tested each year. Georgia-07W was tested experimentally as GA 011514.

During 2007, Georgia-07W was compared to five new runner-type varieties over multilocations in Georgia (Table 1), Georgia-07W was again found to be among the lowest in percent disease, and among the highest in yield, grade, and dollar value return per acre compared to Florida-07, Tifguard, AP-4, AT-3085RO, and AT-3081R.

Limited seed supplies will be available for Georgia-07W in the 2009 planting season. So, interested growers should consider an early seed request for the upcoming growing season.

**Table 1. 2007 Average Field Test Performance of Georgia-07W vs. Five Other New Runner-Type Varieties over Multilocations in Georgia.**

<b>Runner Variety</b>	<b>Disease (%)</b>	<b>Yield (lb/a)</b>	<b>TSMK (%)</b>	<b>Value (\$/a)</b>
Georgia-07W	21	4316	74	773
*Florida-07	32	4323	71	733
Tifguard	28	4041	73	709
AP-4	39	3959	73	691
*AT-3085RO	31	3938	69	652
AT-3081R	41	3557	68	586

\* High-Oleic