

“Georgia-03L”

A new high-yielding, large runner-type variety with a high level of TSWV-resistance.

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“Georgia-03L” is a new large runner-type peanut variety that was released in 2003 by the Georgia Agricultural Experiment Stations. It was developed at the University of Georgia, Coastal Plain Experiment Station in Tifton, Ga. Georgia-03L has similar maturity as Georgia Green with pods and seed significantly larger.

Georgia-03L also has a high level of resistance to tomato spotted wilt virus (TSWV) and moderate resistance to soilborne diseases: white mold or stem rot and *Cylindrocladium* black rot (CBR). It has a high percentage of large smooth bright pods with an intermediate runner growth habit and good seedling and plant vigor.

Georgia-03L is highly productive and results in high yields and high dollar returns per acre. In 20 tests conducted at multiple locations in Georgia from 2000 to 2003, Georgia-03L was found to be higher in yield than Georgia Green with similar high dollar value returns per acre. Also, during 2003 in four different tests conducted at multi- locations in Georgia, Georgia-03L was found to have a high level of disease resistance, the highest yield, and the greatest dollar value return per acre compared to AP-3, Carver, Andru II, and ANorden (see Tables 1 and 2 on page 2).

In summary, Georgia-03L combines disease resistance with large-seed, medium maturity, and excellent yields and dollar returns per acre. It also has very good stability with a wide-range of adaptability throughout the major peanut production areas. Seed supply of Georgia-03L will be somewhat limited for the 2005 planting season. So, interested growers should consider an early seed request of Georgia-03L for this coming year.

Table 1. Four-year (20 tests) average field performance of Georgia-03L vs. Georgia Green over multilocations in Georgia, 2000-2003.

Runner Variety	Yield (lb/a)	TSMK (%)	Seed (no./lb)	Value (\$/a)
Georgia-03L	4504	72	658	1176
Georgia Green	4162	75	798	1124

Table 2. 2003 (4-tests) average field performance of five new medium-maturing runner-type varieties over multilocations in Georgia.

Runner Variety	Disease (%)	Yield (lb/a)	TSMK (%)	Value (\$/a)
Georgia-03L	28	4734	73	844
AP-3	28	4303	71	759
Carver	31	4126	73	728
*Andru II	37	3864	68	658
*ANorden	36	3385	73	611
* High-Oleic.				