# 'GEORGIA-12Y'

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

by

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**'Georgia-12Y'** is a new high-yielding, TSWV-resistant, white-mold resistant, medium-seeded, runner-type peanut variety that was released in 2012 by the Georgia Agricultural Experiment Stations. It was developed at the University of Georgia, Coastal Plain Experiment Station in Tifton, GA.

Georgia-12Y is similar to another runner-type variety 'Georgia-10T' in having low TSWV disease incidence and total disease incidence (Table 1). However, during several years averaged over multilocation tests in Georgia, Georgia-12Y had significantly higher pod yield and higher dollar value return per acre compared to Georgia-10T. Georgia-12Y also has a smaller seed size (greater number of seed per pound) than Georgia-10T. Although, both are excellent runner-type varieties.

During 2012, Georgia-12Y and Georgia-10T were compared to two other new runner-type varieties over multilocation tests in Georgia (Table 2). Georgia-12Y and Georgia-10T were both found to have among the best overall performance compared to FloRun™ '107' and TUFRunner™ '727'.

Limited seed supplies will be available for Georgia-12Y in the 2014 planting season. So, interested growers should consider an early seed request for the upcoming growing season. Georgia-12Y should be an excellent variety for an earlier planting (April) option in the southeast because of its high TSWV and white mold-resistance and later maturity, similar to Georgia-10T.

**Table 1. Three-Year (24 Tests) Average Field Performance of Two Runner-Type Peanut Varieties, Georgia-12Y and Georgia-10T over Multilocations in Georgia, 2009-11.**

| Runner Variety | TSWV (%) | TD (%) | Yield (lb/a) | TSMK* (%) | Seed (no./lb) | Value ($/a) |
|---|---|---|---|---|---|---|
| Georgia-12Y | 4 | 10 | 4935 | 72 | 726 | 877 |
| Georgia-10T | 4 | 9 | 4390 | 76 | 690 | 818 |

**Table 2. 2012 Average Field Performance of Georgia-12Y and Georgia-10T vs. Two Other New Runner-Type Varieties over Multilocations in Georgia.**

| Runner Variety | TSWV (%) | TD (%) | Yield (lb/a) | TSMK* (%) | Seed (no./lb) | Value ($/a) |
|---|---|---|---|---|---|---|
| Georgia-12Y | 4 | 10 | 5252 | 73 | 706 | 946 |
| Georgia-10T | 4 | 11 | 4669 | 77 | 685 | 884 |
| FloRun™ '107' | 13 | 27 | 4677 | 74 | 704 | 852 |
| TUFRunner™ '727' | 15 | 31 | 4578 | 73 | 658 | 825 |

* TSMK = total sound mature kernels.