

# 'GEORGIA-17SP'

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

by

Dr. Wm. D. Branch and Dr. Tim B. Brenneman  
University of Georgia  
Coastal Plain Expt. Station  
Tifton Campus

'**Georgia-17SP**' is a new high-yielding, high-oleic, TSWV-resistant, large-seeded, spanish-type peanut variety that was released in 2017 by the Georgia Agricultural Experiment Stations. It was developed at the University of Georgia, Coastal Plain Experiment Station in Tifton, GA.

Georgia-17SP is similar to other high-oleic, spanish-type varieties in having the high-oleic and low-linoleic fatty acid profile. However, during seven-years (2010-16) averaged over two planting-dates (April and May) in Georgia, Georgia-17SP had less TSWV and total disease incidence, and higher yield, grade, and dollar value return per acre compared to Georgia Browne, Georgia-04S, Tamspan 90, Tamnut-OL06, Pronto, Spanco, and OLin.

Georgia-17SP was also found to have a larger spanish seed size with a higher percentage of jumbo seed as compared to these other spanish-type varieties. However, it is most similar to Georgia Browne and Georgia-04S in growth habit, maturity, and roasted peanutty flavor.

Very limited seed supplies will be available for Georgia-17SP in the 2018 planting season. So, interested seedmen and growers should consider an early seed request for the upcoming growing season. Georgia-17SP combines TSWV resistance and high yield, grade, and dollar value with large spanish seed size, and the high-oleic trait for longer shelf-life and improved oil quality of peanut and peanut products.

**Table 1. SEVEN-YEAR (14 TESTS) AVERAGE DISEASE INCIDENCE, POD YIELD, TSMK GRADE, SEED COUNT, AND DOLLAR VALUES OF GEORGIA-17SP VS. SEVEN OTHER SPANISH-TYPE VARIETIES WHEN AVERAGED OVER TWO PLANTING DATES (APRIL AND MAY) IN GEORGIA, 2010-16.**

<b>Spanish Variety</b>	<b>TSWV<sup>†</sup> (%)</b>	<b>TD<sup>‡</sup> (%)</b>	<b>Yield (lb/a)</b>	<b>TSMK<sup>¶</sup> (%)</b>	<b>Seed (no./lb)</b>	<b>Value (\$/a)</b>
<b>•Georgia-17SP</b>	<b>4</b>	<b>11</b>	<b>4779</b>	<b>76</b>	<b>884</b>	<b>876</b>
<b>Georgia Browne</b>	<b>5</b>	<b>16</b>	<b>4352</b>	<b>73</b>	<b>1084</b>	<b>773</b>
<b>•Georgia-04S</b>	<b>5</b>	<b>16</b>	<b>4228</b>	<b>72</b>	<b>1091</b>	<b>745</b>
<b>Tamspan-90</b>	<b>10</b>	<b>30</b>	<b>3036</b>	<b>65</b>	<b>1123</b>	<b>493</b>
<b>•Tamnut-OL06</b>	<b>12</b>	<b>31</b>	<b>3090</b>	<b>63</b>	<b>992</b>	<b>481</b>
<b>Pronto</b>	<b>12</b>	<b>42</b>	<b>2455</b>	<b>67</b>	<b>1108</b>	<b>409</b>
<b>Spanco</b>	<b>13</b>	<b>44</b>	<b>2533</b>	<b>64</b>	<b>1166</b>	<b>405</b>
<b>•OLin</b>	<b>9</b>	<b>30</b>	<b>2496</b>	<b>64</b>	<b>1186</b>	<b>402</b>

**† TSWV = Tomato Spotted Wilt Virus**

**‡ TD = Total Disease**

**¶ TSMK = Total Sound Mature Kernel**

**• High-oleic**