



# Peanut Variety Fact Sheet

## ‘ARNIE’

The University of Florida peanut breeding program has released ‘Arnie’, a new normal oleic runner type peanut cultivar. ‘Arnie’, released in January 2024, was tested over a five-year period. ‘Arnie’ has exceptional pod yield potential and high grades. In twenty-three experiments, ‘Arnie’ was found to have approximately 12% higher yield than ‘Georgia-06G’, the dominant normal oleic cultivar grown today, with equal or slightly higher grade of about 78% total sound mature kernels (TSMK). ‘Arnie’ has outstanding resistance to tomato spotted wilt virus (TSWV), and its resistance to white mold and leaf spot is moderate (similar to ‘Georgia-06G’). The TSWV resistance of ‘Arnie’ is consistently better than ‘Georgia-06G’ and the TSWV incidence of ‘Arnie’ is equal to or lower than the best performing varieties (similar to or better than ‘Georgia-12Y’). ‘Arnie’ produced about 38% medium seed and the seed count is about 700 seeds per pound, making it smaller seeded than ‘Georgia-06G’. Seed of ‘Arnie’ will be available in adequate supply, with the potential to grow up to 1,500 acres in seed increase in 2024. ‘Arnie’ was developed by Dr. Barry Tillman at the UF/IFAS North Florida Research and Education Center. The variety is named in memory and honor of Mr. Arnold Forrester, a strong supporter of peanut research and breeding efforts at UF/IFAS and in the southeastern U.S.

### VARIETY SNAPSHOT

CATEGORY	CHARACTERISTICS
Pod Yield Potential	Excellent: ‘Arnie’ was found to have yield potential of over 6,800 pounds/acre, about 12% higher yield than ‘Georgia-06G’. The grade of ‘Arnie’ was about 78% TSMK, which was similar to or slightly higher than ‘Georgia-06G’.
Seed Size	Medium: about 700 seeds per pound. The percentage of ‘Arnie’ seeds that are classified as “Medium” is about 38%, compared with 26% for ‘Georgia-06G’ on an in-shell basis
Maturity	Medium: about 140 days under irrigation
Vine Growth	Moderate: Semi-erect growth habit, prominent center stem, moderate bush size
Disease Management	Spotted Wilt: Outstanding resistance; consistently more resistant than ‘Georgia-06G’ over 4 years of evaluation. ‘Arnie’ is among the most resistant of all commercial peanut varieties. White Mold: Moderate resistance, similar to ‘Georgia-06G’ Leaf Spot: Moderate resistance, similar to ‘Georgia-06G’. Benefits from strong leaf spot fungicide program.
IP Status	U.S. PVP Pending

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