

## Performance and characteristics of University of Florida high oleic peanut varieties.

Table 1. Summary characteristics and general production practices for University of Florida peanut cultivars.

Variety	Release Date/Seed Available	Peanut Disease Index			Seed size Seed/lb.	Recommended Production Practices		
		Spotted wilt	Leaf spot	White mold		Planting dates††	Maturity‡	Fungicides and other practices‡‡
<b>FloRun™ '331'</b>	2016/ Foundation	15	20	15	650-700	May 10- May 31	135-145	Good tolerance to leaf spot and white mold= standard fungicide programs acceptable; twin rows and other practices to minimize TSWV
<b>TUFRunner™ '297'</b>	2014/ Registered & Certified	10	25	20	500-550	May 1- May 31	135-145	Higher risk for leaf spot= systemic fungicides and planting before end of May; Good tolerance to TSWV= reduced risk of early planting; Larger seed= gypsum
<b>TUFRunner™ '511'</b>	2013/ Registered & Certified	20	30	15	550-600	May 10- May 31	135-145	Higher risk for leaf spot= systemic fungicides and planting before end of May Increased risk for TSWV= plant after May 10, twin rows, Thimet, 4 plants/ft Larger seed= gypsum
<b>Florida-07</b>	2006/ Registered & Certified	10	20	15	550-600	May 1- May 31	140-150	Good overall tolerance to TSWV, leaf spot and white mold= standard fungicide programs; Larger seed= gypsum

† Earlier planting increases risk of spotted wilt and white mold; later planting increases risk of leaf spot.

‡ Estimated days after planting under irrigation in Florida; always dig according to the peanut maturity profile.

‡‡ Always apply gypsum, regardless of seed size, when producing peanuts for seed.

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Table 2. Performance of runner market-type peanut varieties in two to three irrigated locations in Florida over the past four years (2014-2017). Entries are sorted by maturity and the four year average yield (in descending order).

Name	Maturity*	YIELD (lbs./acre)				TSMK (%)				TSWV (1-10)***				Leafspot (1-10)***			
		2017	2-YR†	3-YR††	4-YR†††	2017	2-YR	3-YR	4-YR	2017	2-YR	3-YR	4-YR	2017	2-YR	3-YR	4-YR
FloRun™ '331***	M	6132	6414	6733	6678	78.0	78.0	78.1	77.2	2.7	1.5	1.5	1.4	3.2	1.6	2.4	1.9
TUFRunner™ '297***	M	6519	6528	6713	6669	79.8	79.0	78.6	78.3	1.7	1.3	1.2	1.3	3.9	1.8	2.8	2.2
Georgia-06G	M	6216	6358	6608	6652	80.3	79.9	80.1	79.5	1.7	1.4	1.3	1.2	3.3	1.5	2.1	1.7
TUFRunner™ '511***	M	5977	6372	6505	6518	78.5	78.7	78.6	78.4	2.7	1.6	1.5	1.6	5.7	3.7	3.8	2.9
Georgia-12Y	ML	6212	6426	6544	6503	76.5	76.6	76.7	76.2	1.2	1.1	1.1	1.1	2.5	1.3	1.9	1.8
Georgia-13M**	M	6037	6214	6326	6228	78.6	79.1	79.0	78.2	1.3	1.2	1.1	1.2	4.9	3.5	3.8	2.9
Georgia-09B**	M	5700	5754	5954	6047	80.8	79.9	80.0	80.1	2.3	1.5	1.4	1.4	4.0	2.3	2.7	2.2
Florida-07**	M	5500	5755	6076	6014	76.2	75.7	75.8	75.0	1.5	1.3	1.3	1.3	2.9	1.3	2.3	1.9
Tifguard	M	5454	5485	5728	5728	79.9	79.6	79.5	78.9	1.5	1.4	1.3	1.4	3.8	1.6	2.2	1.9
TifNV-High O/L**	M	5633	6086	6148		77.5	77.5	77.5		2.2	1.3	1.3		3.4	1.7	2.1	
Georgia-16HO**	M	6807				80.2				1.8				3.6			
AU-NPL 17**	M	6207				76.4				1.0				3.4			
Georgia-14N**	ML	5148				81.3				1.7				3.2			
C.V.		8	8	8	8	1.3	1.2	1.6	1.7	44.5	27.8	28.3	31.6	15.9	30.6	25.5	28.3
LSD		390	283	232	207	1.1	0.6	0.8	0.7	1.1	0.2	0.2	0.2	0.5	0.3	0.3	0.3

Table 3. Performance of runner market-type peanut varieties in two to three non-irrigated locations in Florida over the past four years (2014-2017). Entries are sorted by maturity and the four year average yield (in descending order).

Name	Maturity*	YIELD (lbs./acre)				TSWV (1-10)***				Leafspot (1-10)***			
		2017	2-YR†	3-YR††	4-YR†††	2017	2-YR	3-YR	4-YR	2017	2-YR	3-YR	4-YR
FloRun™ '331***	M	5283	5159	5359	5496	1.0	1.3	1.2	1.2	4.7	4.5	3.8	3.6
Georgia-12Y	ML	4724	4643	4858	5077	1.0	1.2	1.1	1.1	4.0	3.8	3.4	3.0
TUFRunner™ '297***	M	4205	4537	4817	4963	1.0	1.0	1.0	1.0	5.7	5.0	4.1	3.6
Georgia-13M**	M	4262	4532	4617	4817	1.0	1.0	1.0	1.0	6.0	5.5	4.4	3.9
TUFRunner™ '511***	M	4589	4507	4684	4807	1.0	1.0	-	1.0	6.7	6.2	-	4.7
Georgia-06G	M	4119	4480	4740	4750	1.0	1.2	1.1	1.1	5.0	4.2	3.2	2.8
Florida-07**	M	4174	4392	4535	4538	1.0	1.3	1.2	1.2	4.7	4.3	3.6	3.1
Tifguard	M	3807	3966	4190	4322	1.0	1.3	1.3	1.3	5.7	5.0	4.0	3.3
Georgia-09B**	M	3826	4048	4236	4314	1.0	1.0	1.2	1.2	5.0	5.0	4.2	3.9
TifNV-High O/L**	M	4533	4587	4759		1.0	1.0	1.1		5.0	4.3	3.4	
Georgia-16HO**	M	4601								5.3			
Georgia-14N**	ML	4244								4.7			
AU-NPL 17**	M	4166								5.3			
C.V.		11	11	11	11	36.2	42.1	41.1		9.5	10.9	13.6	15.5
LSD		353	266	200	203	0.4	0.3	0.2		0.2	0.4	0.3	0.3

\*\*High oleic

† Average of 2016 and 2017 test data.

†† Average of 2015, 2016, and 2017 test data.

††† Average of 2014, 2015, 2016 and 2017 test data.