

# Texas AgriLife Extension Service

## Virginia Peanut Seeding Rate Trial - Ag-Cares Low Irrigation

Variety	Stand	Yield	Grade	Jumbo	Fancy	ELK	SMK	SS	OK	DK	Hulls
	#/ft	lb/A	----- (%) -----								
1 seed/ft	1.3	2770	69.764	26.4	39.9	17.116	46.956	22.808	4.8883	0	26.342
2 seed/ft	2.1	2552	69.908	27.3	33.3	26.399	51.813	18.095	2.941	0	26.906
3 seed/ft	2.7	2695	65.669	28.3	35.7	20.611	45.745	19.924	4.3078	0	27.711
4 seed/ft	3.2	2065	65.364	28.7	32	19.481	41.94	23.424	4.2588	0	26.984
5 seed/ft	3.9	2779	67.997	27	35.3	20.798	45.368	22.629	3.7906	0	27.298
6 seed/ft	4.1	3110	66.874	28.7	37	22.49	46.821	20.053	4.0405	0	27.091
LSD (10%)	0.4	NS	NS	NS	NS	5.0525	3.6475	NS	NS	NS	NS
Std Dev	0.2	535	2.9475	5.6	5.01	3.3759	2.4371	2.7961	0.9353	0	1.3112
CV	8.6	20	4.36	20.18	14.11	15.96	5.25	13.22	23.16	0	4.85
Trial Avg		2662	67.6	27.7	35.5	21.1	46.4	21.2	4.0	0.0	27.1

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Variety	Stand	Yield	Grade	Jumbo	Fancy	ELK	SMK	SS	OK	DK	Hulls	
	#/ft	lb/A	-----					(%)	-----			
1 seed/ft	1.3	2905	68.7	33.0	38.7	29.3	50.5	18.2	2.7	0.1	27.2	
2 seed/ft	2.1	3236	67.4	30.0	36.7	25.9	47.8	19.6	3.3	0.2	25.8	
3 seed/ft	3.0	3145	67.2	23.3	45.3	24.9	47.4	19.8	3.7	0.2	25.7	
4 seed/ft	3.5	2892	67.7	26.7	33.0	24.7	50.1	17.6	3.7	0.6	25.5	
5 seed/ft	4.3	3045	67.4	27.3	42.7	21.8	47.0	20.4	4.1	0.1	25.1	
6 seed/ft	5.1	3284	69.0	26.0	38.7	26.1	51.3	17.8	2.7	0.2	26.0	
LSD (10%)	0.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.2	
Std Dev	0.5	522	2.4	5.2	6.3	4.3	3.4	2.1	1.1	0.3	0.8	
CV	15.3	17	3.5	18.8	16.1	16.7	6.9	10.9	32.5	133.2	3.1	
Trial Avg		3085	67.9	27.7	39.2	25.4	49.0	18.9	3.4	0.2	25.9	

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## Virginia Peanut Seeding Rate Trial - Wilbarger County

Variety	Yield	Grade	Jumbo	Fancy	ELK	SMK	SS	OK	DK	Hulls	
	lb/A	-----					(%)	-----			
2 seed/ft	5779	72.5	41.5	36.5	55.6	66.7	5.8	0.8	0.3	25.1	
4 seed/ft	6023	73.0	57.5	34.0	55.3	67.0	6.1	0.9	0.0	25.4	
6 seed/ft	5848	71.2	44.5	32.5	54.3	65.0	6.2	1.6	0.0	25.1	
LSD (P=.10)	NS	NS	6.3	NS	NS	NS	NS	NS	NS	NS	
Std Dev	141	2.3	2.2	3.1	2.1	2.9	0.7	0.4	0.3	0.5	
CV	2	3.2	4.5	9.0	3.8	4.3	12.0	34.4	245.0	2.1	
Trial Avg	5883	72.3	47.8	34.3	55.0	66.2	6.1	1.1	0.1	25.2	