



**Table 6. Yield, grade, average seed weight and value per acre for entries averaged across years in the Custer County (Weatherford/Thomas, Les Crall Farms), Oklahoma peanut variety trial in 2020-2021.<sup>6</sup>**

Entry	Yield (lb/A)	% of Trial Average	Grade <sup>2</sup> (%TSMK)	SdWt/100 <sup>3</sup> (g)	ELK <sup>4</sup> (%)	MED <sup>4</sup> (%)	No. 1 <sup>4</sup> (%)	Value <sup>5</sup> (\$/A)
<b>Runner<sup>1</sup></b>								
ACI080	5730a	112	65de	55d	21g	35a	9a	1071
ACI476	5465a-c	107	65de	54d	23g	33a	7a-d	1021
ACI3321	5611ab	110	59f	64bc	27e-g	22b-d	7a-d	952
Lariat	5755a	112	71ab	66bc	31d-f	27ab	8ab	1175
ARSOK R90-12	4550c	89	69b-d	71ab	35c-e	22b-d	7a-d	903
ARSOK 91-2	5008a-c	98	68b-d	70a-c	39b-d	22b-d	6c-e	979
ARSOK 92-13	4588bc	90	71ab	74a	41a-c	23bc	5ef	937
ARSOK R93-1	5360a-c	105	73a	68a-c	43a-c	21cd	4fg	1125
ARSOK R930-10	5036a-c	98	70ab	62cd	39a-d	23bc	6c-e	1013
ARSOK R95-1	5246a-c	102	70ab	67a-c	37b-d	25bc	6c-e	1056
ARSOK R96-7	4480c	87	68b-d	66bc	46ab	15d	5ef	876
ARSOK R96-8	4648bc	91	63ef	74a	48a	8e	2g	842
Mean	5123.5		67.8	65.9	40.1	23.2	6.1	
CV	17.9		5.4	11.0	22.4	27.0	29.0	
LSD (0.05)	1058.1		4.2	8.3	10.3	7.3	1.5	
<b>Spanish<sup>1</sup></b>								
AT98-99	5177a	115	68ab	48ab	36b	23b	8ab	1056
OLé	4338ab	96	68ab	52a	43a	19c	5c	885
Schubert	4517ab	100	64c	44b	23c	30a	11a	867
Span17	5130a	114	67ab	52a	43a	18c	5c	1031
Tamnnt OL06	3709bb	82	66ab	43b	28c	29a	9ab	734
ARSOK S88-2	4149b	92	70a	45b	37ab	26ab	6bc	871
Mean	4503.6		67.4	47.5	34.9	24.1	7.3	
CV	17.3		3.9	10.8	17.3	16.3	38.7	
LSD (.05)	919.2		3.1	6.0	7.1	4.6	3.3	

Entry	Yield (lb/A)	% of Trial Average	Grade <sup>2</sup> (%TSMK)	SdWt/100 <sup>3</sup> (g)	ELK <sup>4</sup> (%)	MED <sup>4</sup> (%)	No. 1 <sup>4</sup> (%)	Value <sup>5</sup> (\$/A)
<b>Virginia<sup>1</sup></b>								
ACI351	5110a-c	105	68ab	97ab	46a-d	18a-c	3bc	1095
Comrade	5400ab	111	68ab	102a	49a	14b-d	2c	1150
Contender	5624a	115	69a	86c-e	48ab	15a-d	3bc	1227
Jupiter	5550a	114	69a	89b-d	46a-c	17a-d	2c	1198
ARSOK V98	4388cd	90	66b-d	81d-f	41c-e	19ab	4a-c	911
ARSOK V99	4710b-d	97	67a-c	80ef	49a	13de	5a	989
ARSOK V100-1	4632b-d	95	68ab	92bc	48ab	14b-d	3bc	999
ARSOK V100-2	4515cd	93	62e	91bc	45a-c	10e	4a-c	890
ARSOK V101-1	5346ab	110	67a-c	92bc	40de	20a	4a-c	1140
ARSOK V103-1	4850a-d	100	66b-d	84c-e	43b-d	18a-c	3bc	1017
ARSOK V103-4	4164d	85	64de	92bc	44a-c	16a-c	2c	848
ARSOK V103-5	4201d	86	64de	82d-f	39e	18a-c	4a-c	855
Mean	4874.5		66.4	87.3	44.9	16.1	3.3	
CV	14.4		3.9	9.6	10.9	25.1	36.4	
LSD (0.05)	815.5		3.0	9.5	5.6	4.7	1.4	

<sup>1</sup>Market Type.

<sup>2</sup>% TSMK = Percent total sound mature kernels.

<sup>3</sup>SdWt/100 = Weight of 100 SMK.

<sup>4</sup>ELK= % kernels riding a 21.5/64" X 1" slotted screen for Virginia and 21/64" X 3/4" screen for runner and Spanish; MED=% kernels riding a 18/64" but falling through a 21.5/64" or 21/64" screen; No.1=% kernels riding a minimum grade screen (16/64" for runner and Spanish and 15/64 for Virginia) but falling through a 18/64".

<sup>5</sup>Calculated based on peanut market-type contract price 2021 (\$575 for runners; \$600 for Spanish and Virginia). ELK bonus not added for Virginias.

<sup>6</sup>Values within the same column followed by the same letter are not significantly different at P = .05; ns = non-significant.