



Table 7. Yield, grade, average seed weight and value per acre for entries averaged across years in the Love County (Thackerville, Anthony Reed Farms), Oklahoma peanut variety trial in 2020-2021.⁶

Entry	Yield (lb/A)	% of Trial Average	Grade ² (%TSMK)	SdWt/100 ³ (g)	ELK ⁴ (%)	MED ⁴ (%)	No. 1 ⁴ (%)	Value ⁵ (\$/A)
Runner¹								
ACI080	4367	109	73a	59f	14d	46a	10a	917
ACI476	4020	100	69b-d	58f	24c	38bc	6bc	797
ACI3321	3826	95	67de	72cd	25c	35bc	6bc	737
Lariat	4303	107	71ac	75bc	25c	37bc	7b	878
ARSOK R90-12	3963	99	73a	75bc	29bc	37bc	5c-e	832
ARSOK 91-2	4485	112	70a-d	77ab	32b	33cd	3f	903
ARSOK 92-13	4060	101	70a-d	78ab	28bc	35bc	6bc	817
ARSOK R93-1	3711	92	72ab	71cd	38a	28d	4ef	768
ARSOK R930-10	3963	99	69b-d	70de	27bc	35bc	5c-e	786
ARSOK R95-1	4019	100	70a-d	70de	24c	40b	5c-e	809
ARSOK R96-7	3939	98	67de	71de	37a	22e	5c-e	759
ARSOK R96-8	3519	88	65e	80a	42a	17e	4ef	658
Mean	4014.9		69.9	70.6	28.8	33.5	5.6	
CV	28.9		4.9	5.5	16.7	14.9	25.9	
LSD (0.05)	ns		3.9	4.5	5.6	5.8	1.8	
Spanish¹								
AT98-99	3831	115	69ab	51bc	39b	22ab	8ab	783
OLé	3049	92	67bc	55ab	50a	13d	3c	613
Schubert	3057	92	64c	50c	29c	25a	10a	587
Span17	3945	119	70a	59a	49a	17cd	4c	828
Tamnut OL06	3297	99	68ab	51bc	40b	21a-c	6bc	673
ARSOK S88-2	2758	83	68ab	54a-c	45ab	18b-d	4c	563
Mean	3323.3		68.1	53.2	41.8	19.2	5.7	
CV	37.8		3.7	8.6	16.9	21.9	38.5	
LSD (.05)	ns		2.9	5.3	8.3	4.9	2.6	

Entry	Yield (lb/A)	% of Trial Average	Grade ² (%TSMK)	SdWt/100 ³ (g)	ELK ⁴ (%)	MED ⁴ (%)	No. 1 ⁴ (%)	Value ⁵ (\$/A)
Virginia¹								
ACI351	4202	106	62cd	91b	33c	21ab	6a	825
Comrade	4319	109	67ab	104a	46a	14g	2c	907
Contender	4259	108	68a	86b-d	45a	19b-d	3bc	917
Jupiter	4152	105	62cd	87b-d	38bc	17c-f	6a	809
ARSOK V98	3772	95	61cd	80fg	33c	22a	5a	272
ARSOK V99	3846	97	64bc	82e-g	38bc	21ab	5a	773
ARSOK V100-1	3555	90	61cd	91b	39b	16e-g	4ab	692
ARSOK V100-2	3897	99	60d	91b	38bc	14g	4ab	744
ARSOK V101-1	4456	113	60d	77g	49a	15e-g	2c	857
ARSOK V103-1	4065	103	60d	88b-d	35bc	18b-e	6a	779
ARSOK V103-4	3467	88	59d	88b-d	36bc	16d-g	5a	654
ARSOK V103-5	3468	88	62cd	86b-e	37bc	19a-d	5a	685
Mean	3955.3		62.9	86.8	38.8	17.5	4.6	
CV	27.6		4.9	5.7	12.2	16.1	28.7	
LSD (0.05)	ns		3.6	5.7	5.5	3.3	1.5	

¹Market Type.

²% TSMK = Percent total sound mature kernels.

³SdWt/100 = Weight of 100 SMK.

⁴ELK= % 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".

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

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