



Table 8. Yield, grade, average seed weight and value per acre for entries averaged across all locations and years in the 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	4885a	105	70ab	58g	19g	40a	7a	983
ACI476	4817ab	104	67cd	57g	23fg	35ab	6b	928
ACI3321	4823ab	104	65d	69ef	31de	28cd	6b	901
Lariat	4919a	106	71b	68f	32de	30b-d	6b	1004
ARSOK R90-12	4388ab	94	71ab	74cd	33de	25de	5bc	896
ARSOK 91-2	4764ab	102	70ab	76a-c	39bc	25de	4c-e	959
ARSOK 92-13	4587ab	99	70ab	78ab	37cd	27c-e	4c-e	923
ARSOK R93-1	4651ab	100	73a	73c-e	44ab	22ef	4c-e	976
ARSOK R930-10	4564ab	98	70ab	68f	35cd	27c-e	4c-e	919
ARSOK R95-1	4747ab	102	71ab	71de	33de	31bc	4c-e	969
ARSOK R96-7	4441ab	95	70ab	71c-e	45a	17f	4c-e	894
ARSOK R96-8	4206b	90	66d	80a	49a	10g	2e	798
Mean	4652.3		69.5	70.2	34.8	26.9	4.8	
CV	51.9		6.1	9.1	25.3	30.3	44.8	
LSD (0.05)	669.9		2.8	4.2	5.8	5.3	1.4	
Spanish¹								
AT98-99	4535	113	69ab	51b	39b	23bc	7b	939
OLé	3821	95	68bc	54a	47a	16d	4c	779
Schubert	3909	97	64d	48c	26d	28a	9a	751
Span17	4591	114	70a	58a	48a	17d	4c	962
Tamnut OL06	3632	90	67c	47c	34c	25b	7b	730
ARSOK S88-2	3629	90	69ab	50bc	41b	22c	5c	751
Mean	4018.2		68.2	51.1	39.2	21.8	5.7	
CV	25.6		3.9	9.7	16.9	19.7	43.2	
LSD (.05)	ns		1.8	3.2	4.4	2.8	1.6	

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	4653ab	103	66b-e	96b	42c-e	18ab	4a	969
Comrade	4900a	109	68ab	105a	50a	113de	2d	1043
Contender	4977a	110	69ab	87c-e	49ab	16b-d	3cd	1086
Jupiter	4922a	109	66b-e	87c-e	41de	20a	4a	1018
ARSOK V98	4034c	89	65d-f	85d-f	40e	20a	3a-c	825
ARSOK V99	4442a-c	98	67b-d	84d-f	45a-d	16b-d	3a-c	932
ARSOK V100-1	4245bc	94	67b-d	93bc	48ab	13e	2a-c	903
ARSOK V100-2	4291bc	95	64d-f	96b	46a-c	11e	3a-c	871
ARSOK V101-1	4975a	110	70a	78f	48ab	16b-d	3a-c	1091
ARSOK V103-1	4560a-c	101	64d-f	90b-d	44a-e	16b-d	4a	929
ARSOK V103-4	4143bc	92	63f	94b	44a-c	14c-e	3a-c	832
ARSOK V103-5	4038c	89	64d-f	83ef	41c-e	18ab	3a-c	822
Mean	4515.4		65.9	89.8	44.8	15.8	3.2	
CV	19.9		6.0	11.6	17.7	27.7	53.5	
LSD (0.05)	590.0		2.6	6.8	5.2	2.8	1.1	

¹Market Type.

²% TSMK = % 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