Table 4. Yield, grade, average seed weight, seed size distribution and value per acre for entries averaged across all locations tested in the 2020 Oklahoma peanut variety trial.[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)
Runner[1]								
ACI080	4931a-c	104	68ab	55	24g	59a	11ab	735
ACI476	4629cd	97	70ab	65	32fg	56ab	8a-c	770
ACI3321	4605cd	97	65b	69	36ef	43d-f	8a-c	711
Georgia 09B	4442cd	94	70ab	63	53bc	38e-g	5bc	738
Georgia 14N	4322cd	91	69ab	57	39d-f	47cd	9a-c	708
Lariat	5287ab	111	71a	66	40d-f	48b-d	8a-c	892
Tamrun OL11	4236d	89	69ab	64	38d-f	46cd	10a-c	694
Webb	4895bc	103	68ab	62	39e-f	46c-e	8a-c	791
ARSOK R47A	5366a	113	67ab	68	39d-f	46cd	7a-c	854
ARSOK 90-12	4779bc	101	72a	69	41d-f	50b-d	7a-c	817
ARSOK 91-2	5077a-c	107	70ab	64	51bc	32	13a	844
ARSOK R92-13	5013a-c	106	70ab	73	46cd	46cd	6a-c	833
ARSOK R93-1	4687cd	99	73a	70	59b	36	4c	813
ARSOK R93-10	4497cd	95	70ab	65	42de	46cd	6a-c	748
ARSOK R94-4	4904a-c	103	68ab	73	53bc	36f-h	6a-c	792
ARSOK R95-1	4723bc	99	71a	68	41de	51bc	6a-c	796
ARSOK R96-7	4785bc	101	69ab	69	57b	30h	6a-c	784
ARSOK R96-8	4318cd	91	64b	78	69a	16i	4c	656
Mean	4749		69	66	45	43	8	
CV	10.2		5.2	13.2	11.7	10.9	47.8	
LSD (0.05)	462		6	10	12	10.6	8	
Spanish[1]								
AT98-99	4463ab	773	71ab	48b	71a	39a	14a	106
OLé	4146ab	721	68c	50ab	63ab	36a	11ab	99
Schubert	3759b	652	65d	46b	59ab	36a	8bc	89
Span17	4586a	709	72a	56a	53b	31ab	6c	109
Tamnut OL06	4080ab	669	69bc	46b	53b	25b	5c	97
ARSOK S88-2	4222ab	625	70a-c	49ab	39c	23b	5c	100
Mean	4209		69	50	56	31	8	
CV	11.5		2.6	11.7	14.5	17.1	36.4	
LSD (.05)	425		2	7	14	9	5	
Virginia[1]								
ACI351	5165a	108	65ab	93ab	59bc	30ab	8b	818
Contender	5290a	110	68a	88bc	74a	23bc	3d	880
Jupiter	5129a	107	66ab	83b-d	55c	35a	7bc	823
VENUS	4834ab	101	64ab	84b-d	60bc	31ab	5c	756
NCEX1	4956ab	103	65ab	98ab	70ab	21c	5c	790
NCEX2	4880ab	102	65ab	101a	72a	20cd	4cd	779
NCEX7	4669b	97	64ab	100a	70a	20cd	5c	734
NCEX17	5391a	112	67ab	92a	53cd	20cd	3d	876
NCEX20	4829ab	101	66ab	97ab	74a	19c	4cd	783
NCEX22	4866ab	102	64ab	99a	66ab	28b	4cd	763
ARSOK V-98	4428b	92	63ab	82b-d	55c	32ab	7bc	682
ARSOK V-99	4578b	95	66ab	82b-d	44d	28b	5cd	733
ARSOK V-100-1	4299b	90	65ab	89b	70a	22c	5cd	688

Entry	Yield (lb/A)	% of Trial Average	Grade[2] (%TSMK)	SdWt/100[3] (g)	ELK[4] (%)	MED[4] (%)	No. 1[4] (%)	Value[5] ($/A)
Virginia[1]								
ARSOK V-100-2	4681b	97	64ab	92ab	71a	15d	5cd	736
ARSOK V-101-1	5159a	108	68a	76c	72a	24b	3d	858
ARSOK V-103-1	4649b	97	63ab	89b	64bc	24b	6bc	718
ARSOK V-103-3	4779ab	99	59b	79cc	59bc	23bc	8b	690
ARSOK V-103-4	4386b	91	61b	82b-d	62bc	21c	13a	657
ARSOK V-103-5	4311b	90	65ab	84b-d	55c	32ab	7bc	685
Mean	4794		65	88	64	25	6	
CV	11.7		6.2	7.0	12.9	19.1	21.2	
LSD (.05)	685		5	9	9	5	2	

[1]Market Type.
[2] % TSMK = Percent total sound mature kernels.
[3]SdWt/100 = Weight of 100 SMK.
[4]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".
[5]Calculated based on peanut market-type contract price 2020 ($475). ELK bonus added for Virginias.
[6]Values within the same column followed by the same letter are not significantly different at P = .05; ns = non-significant.