



Table 5. Yield, grade, average seed weight and value per acre for entries averaged across years in the Caddo County (Ft. Cobb), 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	4557	95	72a-c	62e	25ef	40a	4a	943
ACI476	4965	104	68c	60e	23f	34ab	5a	971
ACI3321	5032	104	69bc	72d	35de	28bc	4a	998
Lariat	4700	98	72a-c	72d	40cd	26b-d	3ab	973
ARSOK R90-12	4652	97	71	75cd	34de	29bc	3ab	950
ARSOK 91-2	4889	101	73ab	81ab	47a-c	20cd	2bc	1026
ARSOK 92-13	5114	106	68c	79bc	42b-d	23cd	2bc	1000
ARSOK R93-1	4883	101	74a	79bc	50ab	17d	2bc	1039
ARSOK R930-10	4694	97	70a-c	72d	39cd	24b-d	2bc	945
ARSOK R95-1	4980	103	73ab	75cd	38cd	29bc	2bc	1045
ARSOK R96-7	4903	102	74a	79bc	53a	15de	1c	1043
ARSOK R96-8	4451	92	69bc	85a	55a	7e	1c	883
Mean	4818.6		71.1	74.2	40.1	34	2.9	
CV	12.2		3.0	5.7	22.4	18.5	41.2	
LSD (0.05)	ns		4.9	4.9	10.3	10	1.4	
Spanish¹								
AT98-99	4596a	109	70ab	54b	42c	22b	4bc	965
OLé	4076ab	96	69bc	56ab	48b	15c	2d	844
Schubert	4154ab	98	65c	50c	27e	30a	8a	810
Span17	4669ab	110	72a	59a	54a	16c	2d	1009
Tamnnt OL06	3888b	92	67bc	47c	34d	27a	6b	781
ARSOK S88-2	3982ab	94	69bc	50c	40c	22b	3cd	824
Mean	4227.7		69.0	52.6	40.9	21.9	4.25	
CV	14.9		3.9	5.8	10.6	14.2	33.7	
LSD (.05)	745.1		3.2	3.5	5.1	3.7	1.7	

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	4648a	99	67b	99a-e	46c	15b-d	3ab	982
Comrade	5042a	107	69ab	111a	54a-c	10ef	2bc	1089
Contender	4987a	106	69ab	88c-e	53a-c	13c-e	2bc	1088
Jupiter	5064a	107	67b	85ef	37d	24a	4a	1063
ARSOK V98	3942b	84	67b	94b-f	46c	18b	2bc	830
ARSOK V99	4770a	101	70ab	89c-f	50a-c	16bc	2bc	1044
ARSOK V100-1	4549ab	96	67b	102a-c	57a	9f	1c	968
ARSOK V100-2	4461ab	95	70ab	106ab	55ab	9f	1c	986
ARSOK V101-1	5124a	109	72a	86c-e	55ab	14b-e	1c	1170
ARSOK V103-1	4766a	101	68b	101a-d	53a-c	12c-e	2bc	1028
ARSOK V103-4	4799a	102	66b	103a-c	53a-c	10ef	1c	1006
ARSOK V103-5	4444ab	94	67b	80f	48bc	16bc	2bc	945
Mean	4716.5		68.4	95.3	50.6	13.9	1.9	
CV	12.8		4.9	13.9	13.9	31.3	58.9	
LSD (0.05)	695.9		3.9	15.3	8.1	5.0	1.3	

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.