



**Table 1. Yield, grade, average seed weight, seed size distribution and value per acre for entries in the Caddo County (Ft. Cobb), Oklahoma peanut variety trial in 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	4679bc	93	74a	63h	27f	36a	6a	995
ACI476	5372ab	107	64bc	62h	28f	27b	5a	988
ACI3321	5566a	110	72a	76d-f	46c-e	18cd	4a-c	1152
Lariat	5114a-c	101	74a	75ef	48b-e	16de	4a-c	1088
ARSOK R90-12	4807a-c	95	70a-c	79c-e	42e	18cd	3c-e	967
ARSOK R91-2	5372ab	107	75a	84bc	53a-d	13e-h	2d-f	1158
ARSOK R92-13	5340a-c	106	64c	85b	50a-e	12f-h	2d-f	983
ARSOK R93-1	5211a-c	103	76a	83bc	55ab	11gh	3c-e	1139
ARSOK R93-10	4856a-c	96	70a-c	74fg	49b-e	16d-f	2d-f	977
ARSOK R95-1	5307a-c	105	74a	75ef	44de	22c	3c-e	1129
ARSOK R96-7	4694bc	93	76a	81b-d	58a	10h	2d-f	1026
ARSOK 96-8	4566c	91	72a	85b	54a-c	6i	1f	945
ARSOK R106-1L	4824a-c	96	68a-c	112a	55ab	4i	2d-f	943
ARSOK R106-9L	4856a-c	96	74a	74f-g	48b-e	15d-g	3c-e	1033
ARSOK R107-2L	5066a-c	100	76a	69g	47b-e	19cd	4a-c	1107
ARSOK R109-1L	5066a-c	100	74a	75ef	43e	18cd	3c-e	1078
Mean	5043.6		71.9	78.4	46.9	16.3	3.1	
CV	9.5		4.6	3.8	11.3	15.2	32.3	
LSD (0.05)	802.9		7.7	4.9	8.8	4.1	1.7	
<b>Spanish<sup>1</sup></b>								
AT98-99	5001a	126	69	56cd	45cd	20c	3b-d	1035
OLé	4372ab	111	68	61b	51b	13f	2cd	892
Schubert	4791a	121	66	51e-g	25e	33a	7a	949
Span17	5066a	128	71	58bc	52ab	16d-	2cd	1079
Tamnut OL06	3840b-d	97	66	47h	28e	30b	7a	760
ARSOK S88-2	4195a-c	106	69	51f-h	44cd	19cd	4bc	868
ARSOK S96-5	3904b-d	99	66	65a	57a	6g	1d	773
ARSOK S104-2E	3484cd	88	68	54d-f	47b-d	17de	3b-d	711
ARSOK S104-3E	3033d	77	66	52d-g	44cd	19cd	2cd	601
ARSOK S105-2E	3210d	81	66	49gh	43d	18cd	5b	636
ARSOK S105-3E	3484cd	88	67	55de	50bc	14ef	2cd	700
ARSOK S105-4E	3098d	78	67	51f-h	45cd	17de	5b	623
Mean	3956.8		67.6	44.3	44.3	44.3	18.4	
CV	13.1		4.8	7.8	7.8	10.3	35.3	
LSD (.05)	872.7		ns	3.8	5.8	3.2	2.2	
<b>Virginia<sup>1</sup></b>								
ACI351	4453a-c	96	67c	101ce	49d	12b-d	2a	981
Comrade	4421a-c	96	71ab	115a	56a-d	10c-e	1bc	941
Contender	5340a	116	72ab	91f	55a-d	13a-d	1bc	1181
Jupiter	5243a	114	71ab	91f	48d	17a	2a	1132
ARSOK V98	3824c	83	70bc	96ef	50cd	16ab	2a	817
ARSOK V99	4485a-c	97	71ab	94ef	55a-d	12b-d	1bc	982
ARSOK V100-1	4792a-c	104	70bc	106b-d	59ab	9de	0.7c	1063
ARSOK V100-2	4162bc	90	72ab	112ab	55a-d	9de	1bc	932
ARSOK V101-1	4888ab	106	74a	91fc	56a-d	14a-c	0.7c	1072
ARSOK V103-1	4872ab	106	71ab	107a-c	60a	9de	1bc	1066
ARSOK V103-4	4807a-c	104	69bc	112ab	57a-c	8e	2a	1037

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>								
ARSOK V-103-5	4098bc	89	69bc	98d-f	51b-d	13a-d	2a	896
Mean	4615.5		70.4	101.1	54.4	11.7	1.4	
CV	13.3		2.9	5.2	8.5	23.3	54.7	
LSD (.05)	1033.4		3.4	15.4	7.8	4.6	0.9	

<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 an 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.