

**Table 1. Agronomic and shelling characteristics for entries in the 2023 Oklahoma Peanut Variety Trial. Location: Caddo Research Station in Fort Cobb.<sup>6</sup>**

	Yield	% of Trial	Grade <sup>2</sup>	SMK/100 <sup>3</sup>	ELK <sup>4</sup>	MED <sup>4</sup>	No.1 <sup>4</sup>	Shelling	Value <sup>5</sup>
Entry	(lb/A)	Average	(%TSMK)	(g)	%				(\$/A)
<b>Runner<sup>1</sup></b>									
ACI 080	4789a	118	72d	66d	33d	39a	23cd	73e	1,164
ACI 476	4210c	103	73c	65d	48a	31c	20e	74d	1,037
ACI 509	3511e	86	74b	63e	40c	37b	22d	75c	877
ACI 3321	4515b	111	74b	73b	44b	29d	35a	76b	1,128
Lariat	3975cd	98	76a	73b	48a	26e	20e	77a	1,020
ARSOK R95-1	3852d	95	73c	76a	44b	24f	30b	75c	949
ARSOK R106-9L	3906d	96	73c	70c	46ab	26e	20e	75c	962
ARSOK R109-1L	3810d	94	74b	71c	45b	28d	24c	76b	952
<b>Mean</b>	<b>4071</b>		<b>74</b>	<b>70</b>	<b>44</b>	<b>2</b>	<b>24</b>	<b>75</b>	
<b>Standard Error</b>	<b>250</b>		<b>0.9</b>	<b>1.4</b>	<b>2</b>	<b>1.8</b>	<b>1.7</b>	<b>0.7</b>	
<b>Spanish***   Valencia**   Small Seeded Runner*<sup>1,7</sup></b>									
AT9899 (S)*	4122bc	110	68b	51de	53i	27b	19c	70d	981
OLé***	3992c	106	64d	54d	74c	17e	8f	67g	894
Schubert***	3921cd	104	64d	47f	47j	28b	25b	67g	851
Span17 (S)*	4278bc	114	72a	56c	66e	25c	16d	74b	1078
TamVal OL14**	3071e	82	62e	54d	54hi	20d	25b	65h	904
ARSOK S95-1 (S)*	4232bc	112	68b	59b	72d	11h	15d	71c	1007
ARSOK S104-2E***	3819bc	102	67b	53c	76d	17e	6g	69e	896
ARSOK S104-3E***	4122c	110	65c	51d	72d	20d	5h	68f	895
ARSOK S105-3E***	3996c	107	64d	53cd	72d	14g	14b	67g	895
ARSOK S105-4E***	3894d	104	65c	55cd	79c	16f	3i	68f	886
ARSOK S1071L (S)*	4394ab	117	72a	59b	87b	8i	3i	75a	1107
NM310**	2680g	72	64d	47f	55gh	28b	20c	67g	814
IPG 1288 (V)*	4592a	123	72a	63a	91a	8i	1j	74b	1396
NMKC5**	2776g	74	64d	54d	56g	25c	28a	67g	844
NMM6**	2584g	69	64d	50e	60f	25c	13e	67g	786
NMPR25**	3490e	93	64d	47f	38k	31a	20c	68f	1060
<b>Mean</b>	<b>3748</b>		<b>66</b>	<b>53</b>	<b>66</b>	<b>20</b>	<b>14</b>	<b>69</b>	
<b>Standard Error</b>	<b>172</b>		<b>0.8</b>	<b>1.4</b>	<b>2.2</b>	<b>1</b>	<b>1.3</b>	<b>0.6</b>	
<b>Virginia<sup>1</sup></b>									
Bailey II	2748c	89	68c	95b	46bc	12cd	26c	70c	654
Comrade	3479a	113	70a	106a	44c	11d	32b	71b	852
Emery	3465a	113	67d	93bc	48ab	11d	21d	69d	813
ARSOK V98	2603c	85	66e	94bc	40d	18a	30b	70c	601
ARSOK V99	3188b	104	69b	92bcd	50a	13c	30b	72a	770
ARSOK V102-5	2786c	90	66e	91cd	40d	16b	40a	68e	644
ARSOK V103-1	3538a	115	63f	94bc	45c	13c	30b	69d	780
ARSOK V103-3	2825c	92	63f	90d	38d	17a	40a	67f	623

<b>Mean Standard Error</b>	<b>3079 246</b>		<b>67 0.8</b>	<b>94 3</b>	<b>44 2</b>	<b>14 1.2</b>	<b>31 2</b>	<b>69 0.8</b>	
<sup>1</sup> Market Type. <sup>2</sup> % TSMK = Percent total sound mature kernels. <sup>3</sup> SMK/100 = Weight of 100 sound mature kernels. <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 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" <sup>5</sup> Calculated based on peanut market-type contract price per ton 2023 (\$675, runners; \$700, Spanish and Virginia; \$950, Valencia). 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 = no significant differences. <sup>7</sup> Small seeded runners marketed as Spanish (S) or Valencia (V)									