

Table 7. Two-year average (2022-2023) of agronomic and shelling characteristics for entries in the Oklahoma Peanut Variety Trials across all locations (Fort Cobb and Davidson).⁶

	Yield	% of Trial	Grade²	SMK/100³	ELK⁴	MED⁴	No.1⁴	Shelling	Value⁵
Entry	(lb/A)	Average	(%TSMK)	(g)	%				(\$/A)
Runner¹									
ACI 080	5696	102	71b	60c	20c	39a	11b	71c	1,196
ACI 476	5710	102	71b	61c	34b	34b	16a	72b	1,219
ACI 3321	5384	96	72ab	66b	34b	31c	18a	73a	1,244
Lariat	5559	99	73a	71a	35a	31c	17a	73a	1,381
Mean	5587		72	65	31	34	16	72	
Standard Error			1	1.5	2.8	1.7	3.6	0.9	
Spanish*** Valencia** Small Seeded Runner*^{1,7}									
AT9899 (S)*	5484a	107	65d	51d	43c	19b	15b	67d	1,248
OLé***	5457a	106	67bc	55a	61a	13d	21a	69bc	1,280
Schubert***	4760bc	93	65d	47f	39d	22a	12c	67d	1,083
Span17 (S)*	5797a	113	72a	55a	61a	16c	20a	74a	1,461
ARSOK S104-2E***	5057b	99	68b	52c	62a	15cd	21a	70b	1,204
ARSOK S104-3E***	5011b	98	66cd	50e	55b	16c	19ab	68cd	1,158
ARSOK S105-3E***	4957b	97	66cd	52c	63a	12e	22a	68cd	1,145
ARSOK S105-4E***	4482c	87	67bc	54b	63a	12e	21a	69bc	1,051
Mean	5126		67	52	56	16	19	69	
Standard Error	356		1.4	0.9	3.1	2.4	4.8	1.4	
¹ Market Type. ² % TSMK = Percent total sound mature kernels. ³ SMK/100 = Weight of 100 sound mature kernels. 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 per ton 2023 (\$675, runners; \$700, Spanish and Virginia; \$950, Valencia). ELK bonus not added for Virginias. ⁶ Values within the same column followed by the same letter are not significantly different at P = .05. ns = no significant differences. ⁷ Small seeded runners marketed as Spanish (S) or Valencia (V)									

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