



Table 7. Yield, grade, average seed weight and value per acre for entries averaged across all locations and years in the Oklahoma peanut variety trial in 2019-2020.⁶

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								
Georgia 09B	3853cd	96	68a-d	57ef	38b-d	32b-d	6cd	735
Georgia 14N	3434d	85	69a-c	53f	26f	35a-c	11a	563
Lariat	4664a	116	71a	64b-d	29d-f	39ab	7b-d	786
Tamrun OL11	3979b-d	99	70ab	59e	24f	40a	10ab	662
Webb	4026b-d	100	66d-e	60de	29d-f	36a-c	7b-d	631
ARSOK R47A	4026b-d	100	67c-e	64b-d	28f	37ab	7b-d	641
ARSOK 90-12	4483ab	111	69a-d	64b-d	28f	39a	8a-c	735
ARSOK 91-2	4009b-d	100	65d-f	60de	30c-f	34a-d	10ab	619
ARSOK R92-13	3783cd	94	70ab	68b	33b-f	34a-d	6cd	629
ARSOK R93-1	4080a-c	101	68a-d	64b-d	41b	29c-e	5c-e	659
ARSOK R93-10	4148a-c	103	69a-c	61de	30c-f	34a-d	6cd	680
ARSOK R94-4	3828cd	95	68a-d	68b	39bc	28de	5de	618
ARSOK R96-7	4071a-c	101	63f	65bc	38a-c	24e	6cd	609
ARSOK R96-8	4009b-d	100	64f	75a	57a	15f	3e	609
Mean	4029		68	63	34	33	7	
CV	21.7		7.4	9.1	27.1	17.8	32.8	
LSD (0.05)	611		4	5	10	6	3	
Spanish¹								
AT98-99	3927ab	105	69a	46ab	34ab	29bc	11a	644
OLé	4037a	108	64ab	47ab	48a	23c	7b	614
Schubert	3409b	91	66ab	43ab	26b	36a	13a	534
Span17	3975ab	106	69a	50a	46a	23c	6b	651
Tamnnt OL06	3465ab	93	63b	42b	34ab	31a-c	11a	518
ARSOK S88-2	3726ab	100	64ab	43ab	39ab	29a-c	7b	566
Mean	3738		66	45	37	29	9	
CV	17.6		7.3	7.7	23.5	16.4	25.1	
LSD (.05)	622		5	7	18	8	3	

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	4654	106	67ab	92cd	55a-c	22bc	5ab	764
Contender	4689	107	67ab	84e	56ab	22bc	5ab	770
Jupiter	4455	101	66a-c	78ef	45bc	29a	6a	721
VENUS	4299	98	64bc	76f	43c	32a	5ab	676
NCEX1	4136	94	62c	91d	54a-c	22bc	5ab	631
NCEX2	4150	94	66ab	99ab	62a	13d	3c	674
NCEX7	4106	93	67ab	100a	60a	15d	4bc	677
NCEX17	4694	107	69a	97a-c	62a	18cd	3c	793
NCEX20	4640	106	69ab	94b-d	62a	15d	3c	750
NCEX22	4204	96	67ab	93cd	52a-c	24b	5bc	692
Mean	4392		66	91	55	20	4	
CV	19.4		9.1	7.4	19.2	19.2	36.9	
LSD (.05)	596(ns)		5	5	12	4	2	

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 2020 (\$475). ELK bonus added for Virginias.

⁶Values within the same column followed by the same letter are not significantly different at P = .05; ns = non-significant.