



Table 5. Yield, grade, average seed weight and value per acre for entries averaged across years in the Caddo County Oklahoma Agricultural Research Station in Fort Cobb, 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	3447e	83	70a-c	57f	38b-e	35a-c	7a-c	756
Georgia 14N	3555de	85	72a	53f	26e	36a-c	9a	608
Lariat	4781a	115	72a	65b-d	29c-e	41ab	6b-d	818
Tamrun OL11	3707c-e	89	71ab	61de	21e	40ab	8ab	624
Webb	4233a-d	102	66cd	62c-e	30c-e	39a-c	6b-d	664
ARSOK R47A	4602ab	110	64d	65b-d	25e	43a	5cd	700
ARSOK 90-12	4039b-e	97	72a	65b-d	27de	42a	5cd	691
ARSOK 91-2	4256a-d	102	65b-d	70b	40b-d	35a-c	4de	657
ARSOK R92-13	4578ab	110	72a	69b	36b-e	35a-c	4de	783
ARSOK R93-1	4286a-c	103	69a-d	65b-d	42bc	29cd	4de	702
ARSOK R93-10	4068b-e	98	70a-c	63c-e	29c-e	36a-c	5cd	676
ARSOK R94-4	4418a-c	106	69b-d	70b	41b-d	30b-d	3ef	724
ARSOK R96-7	4304a-c	103	68a-d	68bc	49ab	21e	3ef	695
ARSOK R96-8	4042b-e	97	66cd	78a	61a	16e	2f	634
Mean	4165		69	65	36	34	6	
CV	17.2		6.2	8.7	23.5	18.5	24.2	
LSD (0.05)	711		5	7	14	10	2	
Spanish¹								
AT98-99	3876	101	72a	47b	36ab	30b	9ab	663
OLé	4008	105	64b	48b	49a	21c	6c	609
Schubert	3551	93	66ab	46b	26b	35a	12a	557
Span17	3920	102	72a	52a	50a	22c	6c	670
Tamnut OL06	3726	97	64b	45b	38ab	29b	8bc	566
ARSOK S88-2	3913	102	63b	46b	40ab	27bc	7bc	585
Mean	3882		66	47	40	28	8	
CV	16.3		7.7	7.5	27.1	12.1	22.8	
LSD (.05)	633(ns)		6	4	8	6	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	4792	108	66a	93b	56a-c	21bc	5bc	774
Contender	4628	104	67a	84c	57a-c	21bc	3cd	760
Jupiter	4742	106	66a	78cd	41c	29a	7a	766
VENUS	4488	101	64ab	75d	43bc	29a	6ab	705
NCEX1	4257	96	55b	94b	53a-c	21bc	3cd	575
NCEX2	4325	97	67a	99ab	60a	12d	2d	712
NCEX7	4095	92	67a	105a	63a	15cd	2d	675
NCEX17	4858	109	69ab	96b	59ab	18b-d	3cd	820
NCEX20	4563	102	68a	97b	60a	15cd	2d	761
NCEX22	4083	92	68a	97b	52a-c	22ab	3cd	683
Mean	4454		66	92	55	20	3	
CV	19.8		11.7	6.7	20.0	24.1	33.1	
LSD (0.05)	882(ns)		9	7	16	7	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.