



Table 6. Yield, grade, average seed weight and value per acre for entries averaged across years in the Custer County (Weatherford/Thomas, Les Crall Frams) 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	4258a-c	109	65a-c	57de	38ab	31bc	6ef	702
Georgia 14N	3314c	85	67a-c	53ef	25b-d	34a-c	12a-b	527
Lariat	4548a	117	71a	63bc	27b-d	36ab	9b-d	767
Tamrun OL11	4250a-c	109	71a	57de	23cd	40a	11bc	717
Webb	3819a-c	98	65bc	59cd	27b-d	31bc	9b-d	590
ARSOK R47A	4365ab	112	70ab	64b	31b-d	31bc	9b-d	726
ARSOK 90-12	3527bc	91	66a-c	62bc	28b-d	36ab	11bc	553
ARSOK 91-2	4096a-c	105	64b-d	51f	20d	32a-c	16a	623
ARSOK R92-13	3718a-c	96	67a-c	66b	28b-d	34a-c	8c-e	592
ARSOK R93-1	3874a-c	100	66a-c	62bc	40ab	29bc	6ef	607
ARSOK R93-10	3587a-c	92	69a-c	59cd	31b-d	34a-c	8c-e	588
ARSOK R94-4	3724a-c	96	68a-c	65b	38ab	26c	8c-e	601
ARSOK R96-7	3441bc	88	59d	63bc	28b-d	26c	10b-d	482
ARSOK R96-8	3976a-c	102	63cd	72a	53a	14c	4f	595
Mean	3893		66	61	31	31	9	
CV	25.3		7.8	6.5	30.7	16.4	22.8	
LSD (0.05)	979		6	5	15	8	4	
Spanish¹								
AT98-99	3978ab	111	67a	46ab	34a-c	30ab	12a-c	633
OLé	3532a-c	98	65ab	45b	39ab	26ab	9bc	545
Schubert	3267bc	91	66ab	42c	26c	35a	14a	512
Span17	4029a	112	66ab	48a	43a	24b	8c	632
Tamnnt OL06	3205c	89	63b	40c	30bc	32ab	13ab	480
ARSOK S88-2	3539a-c	99	66ab	41c	39ab	31ab	8c	555
Mean	3592		66	43	35	30	10	
CV	20.7		6.4	5.2	19.2	19.2	24.2	
LSD (.05)	753		5	3	11	9	4	

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	4517	104	68a	91bc	55	22cd	4b	753
Contender	4750	110	67ab	84de	55	22cd	5ab	779
Jupiter	4168	96	67ab	78e	50	28b	5ab	687
VENUS	4110	95	64b	77e	46	34a	4b	647
NCEX1	4015	93	68a	89cd	55	22cd	7a	672
NCEX2	3974	92	66ab	100a	64	15f	4b	646
NCEX7	4116	95	67ab	94a-c	57	18d-f	5ab	678
NCEX17	4530	105	69a	99ab	64	17ef	4b	767
NCEX20	4717	109	66ab	92a-c	64	17f	4b	762
NCEX22	4325	100	67ab	91bc	50	24bc	5ab	712
Mean	4330		67	90	56	19	5	
CV	19.6		4.6	7.7	21.5	15.3	30.0	
LSD (.05)	847(ns)		4	8	16(ns)	5	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.