



Table 2. Yield, grade, Sclerotinia blight, and shelling characteristics in advanced runner and Spanish/Valencia breeding lines and commercial cultivars planted at the Caddo Research Station in Fort Cobb, Oklahoma on May 18, 2020.¹

Entry	Revenue (\$/A) ²	Yield (lbs/A)	Grade ³	Sclerotinia ⁴	100-Seed (g)	ELK (%) ⁵	Medium (%) ⁵	Small (%) ⁵	VDK (%) ⁵	Hull (%)
Runner										
Lariat	992a	6014a	69.7a	28.8a-c	68.0bc	34.9b	29.3bc	2.9b	0.4ab	25.5b
ARSOK-R92-13	925ab	5602ab	69.3a	27.9a-c	73.9ab	41.3ab	20.5c	3.9ab	0.7ab	26.4b
ARSOK-R90-12	862a-c	5060ab	71.9a	24.4a-c	71.4a-c	39.8ab	24.2bc	3.6ab	0.3ab	24.1b
Tamrun OL11	850a-c	5106ab	70.1a	19.6bc	65.8bc	35.5b	29.8bc	3.8ab	0.2b	25.8b
ARSOK-R93-1	838a-c	5009ab	70.1a	28.7a-c	69.6bc	40.2ab	22.6bc	3.2b	0.4ab	25.1b
ARSOK-R95-1	825a-c	5118ab	68.0ab	22.5bc	71.0a-c	32.5bc	27.8bc	3.1b	0.2b	27.3b
ARSOK-R96-8	820a-c	5518ab	62.6b	6.7c	78.7a	50.4a	6.3d	2.4b	0.6ab	33.7a
ARSOK-R91-2	817a-c	4937ab	69.8a	32.4a-c	73.7ab	43.8ab	21.6bc	2.9b	0.4ab	26.4b
ARSOK-R93-10	804a-c	5058ab	66.9ab	23.8bc	62.3c	31.2bc	28.6bc	3.4ab	1.4a	27.2b
IPG 08-1-0016	759a-c	4659ab	68.4ab	41.5ab	51.1d	17.8c	42.6a	6.3a	0.3b	26.9b
ARSOK-R94-4	717bc	4441b	68.0ab	30.0a-c	74.5ab	42.5ab	20.2c	2.7b	0.6ab	27.6b
FloRun '107'	651c	4054b	67.5ab	53.5a	62.0c	29.1bc	30.9b	5.3ab	0.8ab	27.5b
Spanish/Valencia										
ARSOK-S96-5	629a	4477a	59.3b	0b	50.3a	42.4a	10.3d	3.8c	0.4	37.2a
Span-17	624a	4054ab	64.8a	9.2a	45.5b	32.3b	23.5c	6.9b	0.1	31.0c
ARSOK-S88-2	615ab	4005ab	64.7a	0b	39.0c	30.9b	23.7bc	6.9b	0.4	31.7bc
OLé	582ab	3872ab	63.3ab	0b	41.3bc	29.2bc	23.6bc	8.0ab	0.1	33.4a-c
Schubert	523a-c	3535a-c	62.4ab	0b	42.0bc	24.3cd	29.1a	8.0ab	0.5	33.4a-c
Valencia C	441bc	3061bc	61.1ab	0b	42.1bc	21.5d	28.1ab	9.8a	0.3	35.3ab
New Mexico-M2 (Val)	397c	2626c	63.5ab	0b	42.3bc	22.2d	30.5a	10.0a	0.2	31.7bc
New Mexico-M7 (Val)	392c	2602c	63.3ab	0b	41.9bc	22.2d	30.9a	9.0ab	0.2	32.2bc

¹ Market types were analyzed separately and are ordered by highest to lowest contract revenue per acre. Spanish/Valencia plots were dug on Sept. 25 (131 days after planting, DAP); runners were dug Nov. 3 (170 DAP). Numbers with the same lowercase letter within columns for each market type are not significantly different ($\alpha = 0.05$). No differences among entries if letters absent in column.

² Based on a contract price per ton of \$475 for all market types, but actual contract price for Valencia was \$750/ton. Calculations do not include deductions for excess splits or damaged and other kernels.

³ Grade = percent total sound mature kernels + sound splits.

⁴ Incidence of Sclerotinia blight rated on Sept. 24 for Spanish and Oct. 2 for runners.

⁵ Screen sizes: ELK, extra-large kernels, 21/64 for runner, 19/64 for Spanish/Valencia; medium kernels, 18/64 for runner, 17/64 for Spanish/Valencia; small kernels, 16/64 for runner, 15/64 for Spanish/Valencia; VDK, visibly damaged kernels.