



Table 3. 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 14, 2021.¹

Entry	Revenue (\$/A) ²	Yield (lbs/A)	Grade ³	Pod Rot ⁴	100-Seed (g)	ELK (%) ⁵	Medium (%) ⁵	Small (%) ⁵	VDK (%) ⁵	Hull (%)
Runner										
Span 17	561	2565	72.7ab	21.3a-d	54.3b	48.0b-d	19.1d-g	3.0bc	0.9bc	24.9b
OLé	556	2614	68.5a-c	10.5a-d	47.7de	40.3de	21.3c-f	5.1ab	0.8c	29.0a
ARSOK S96-5	553	2577	71.7ab	19.8a-d	59.9a	59.0a	6.9h	2.6c	1.8bc	27.8ab
ARSOK S105-3E	550	2589	70.4a-c	6.0b-d	51.2b-e	52.7a-c	12.8gh	2.3c	1.3bc	27.9ab
ARSOK S105-4E	535	2517	71.0a-c	3.3d	52.2b-d	50.8a-c	14.9fg	2.6c	1.0bc	27.6ab
ARSOK S105-2E	534	2529	70.6a-c	7.5b-d	48.8c-e	47.0b-d	18.1e-g	2.5c	1.6bc	29.3a
ARSOK S104-3E	515	2408	71.5a-b	3.5d	50.1b-e	44.9cd	20.1d-f	3.3bc	1.1bc	24.6b
NM16-42	512	2456	68.7a-c	26.3ab	49.4b-e	30.0f	32.5a	5.0ab	2.3a-c	26.1ab
ARSOK S104-2E	512	2299	73.6a	6.3b-d	53.1bc	51.9a-c	16.3fg	2.8c	0.9bc	26.9ab
IPG 3628	505	2347	72.1ab	19.3a-d	50.9b-e	54.9ab	11.9gh	2.4c	1.1bc	27.1ab
Schubert	501	2436	68.3a-c	4.0cd	48.2c-e	32.3ef	29.6ab	6.0a	2.0a-c	27.3ab
Valencia C	453	2311	66.8ab	31.3a	47.5de	33.4ef	26.0a-d	6.0a	2.7ab	25.3ab
NM-M2	451	2251	66.3c	20.5a-d	46.7e	32.0ef	27.4a-c	6.3a	3.8a	28.0ab
NM-M7	434	2166	66.9bc	25.0a-c	47.7de	35.6ef	24.6b-d	5.9a	3.0ab	25.0ab
NM16-1	380	2178	66.8bc	16.3a-d	46.6e	29.2f	30.3ab	5.9a	3.1ab	27.4ab

¹ Market types were analyzed separately and were ordered by highest to lowest contract revenue per acre. Spanish/Valencia plots were dug on Oct. 8 (148 days after planting). No differences among entries if letters absent in column. Numbers with the same lowercase letter within columns for each market type are not significantly different ($\alpha = 0.05$).

² Based on a contract price per ton of \$600 for Spanish/Valencia to facilitate comparisons. Actual 2021 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 Percentage of pods with symptoms of pod rot estimated after digging. Little Sclerotinia blight observed so ratings not taken.

⁵ Spanish/Valencia screen sizes: ELK (extra-large kernels), 19/64; medium kernels, 17/64; small kernels, 15/64; VDK (visibly damaged kernels).