



Table 4. Yield, grade, Sclerotinia blight and shelling characteristics of advanced Virginia breeding lines and commercial cultivars planted at the Caddo Research Station in Fort Cobb on May 14, 2021.¹

Entry	Revenue (\$/A) ²	Yield (lbs/A)	Grade ³	Sclerotinia ⁴	100-Seed (g)	ELK (%) ⁵	Medium (%) ⁵	Small (%) ⁵	VDK (%) ⁵	Hull (%)
Virginia										
ARSOK V99	767a	3630a	70.2a-c	4.5c	94.7b-d	56.2a	11.6	1.8ab	2.0ab	31.8a
Contender	690ab	3364ab	67.7a-d	5.0a-c	95.4b-d	53.4a-c	10.2	1.0b	3.0ab	28.9a-c
ARSOK V103-1	632a-c	3025a-c	71.2ab	14.7ab	104.6ab	56.4a	12.5	1.2b	1.1b	28.4a-c
ARSOKV101-1	622a-c	2904a-c	70.5ab	8.8a-c	85.1d	55.3ab	12.3	1.5ab	1.5b	27.3bc
Comrade	620a-c	3001a-c	71.9a	5.0a-c	110.3a	56.7a	11.9	1.6ab	0.7b	28.0a-c
Jupiter	616a-c	3219ab	64.5cd	13.8ab	94.8b-d	49.6a-c	11.3	1.6ab	2.9ab	30.5a-c
ACI 351	601a-c	2952a-c	68.2a-c	7.3a-c	101.0a-c	49.0a-c	15.3	2.1ab	1.9b	26.9c
ARSOK V103-3	561a-c	2856a-c	65.7b-d	10.0a-c	92.5b-d	47.9a-c	14.6	2.2ab	2.1ab	28.2a-c
ARSOK V98	540bc	2614bc	68.7a-c	3.3c	96.3a-d	52.3a-c	13.1	1.5ab	2.4ab	27.3bc
N17045	494bc	2481bc	66.7a-d	5.3a-c	86.5d	44.1bc	17.7	3.3a	1.4b	27.3bc
ARSOK V102-5	462c	2493bc	61.8d	5.3a-c	87.1cd	42.7c	15.3	2.8ab	5.0a	32.0a
N15041	453c	2178c	68.9a-c	4.8bc	94.4b-d	47.4a-c	16.1	2.5ab	2.0ab	31.3ab

¹ Entries sorted from highest to lowest contract revenue per acre. Plots dug on Oct. 26 (166 days after planting). 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 contract price of \$600/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 Oct. 22.

⁵ Virginia screen sizes: ELK (extra-large kernels), 21.5/64; medium kernels, 18/64; small kernels, 15/64; VDK (visibly damaged kernels)