



Table 3. Yield, grade, Sclerotinia blight, and shelling characteristics of advanced Virginia 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 (%)
Virginia										
Contender	895a	5421a	69.5a	30.0	92.6c-f	54.7ab	10.3e-g	2.0	0.5	28.3c
NC17EX	830ab	5112a	68.2a	38.3	100.8a-d	48.3a-d	14.0c-f	2.8	0.7	29.3bc
Jupiter	830ab	5251a	66.6a	36.4	85.0e-g	44.3a-e	18.3bc	2.5	0.5	31.9b
NC1EX	786ab	4931a	67.3a	27.5	97.2b-e	42.6b-e	17.4cd	3.3	0.6	29.7bc
NC19EX	776ab	4780ab	68.3a	33.8	103.1a-d	53.9a-c	10.0e-g	2.3	0.6	29.7bc
ACI 351	762ab	4876ab	65.9a	41.3	93.3b-f	44.2a-e	16.9c-e	3.4	0.3	32.3b
NC2EX	747ab	4701ab	66.8a	32.7	111.5a	55.0a	7.4g	1.5	0.8	31.1bc
IPG 464	741ab	4622ab	67.6a	48.3	106.1a-c	54.5ab	8.3fg	2.3	0.7	30.6bc
Venus	739ab	4707ab	66.2a	22.9	78.3fg	34.1ef	27.2a	3.5	0.4	31.2bc
NC7EX	729ab	4441ab	69.2a	40.8	108.9ab	56.1a	9.1e-g	1.5	0.3	29.0bc
N15041	694a-c	4433ab	65.7a	25.5	88.1d-g	39.8d-f	19.2a-c	3.8	0.2	31.2bc
NC22EX	640b	4041ab	66.7a	40.0	98.7a-e	42.4b-e	16.2c-f	3.5	0.3	30.4bc
Walton	638b	4054ab	66.4a	30.0	82.4fg	41.7c-e	18.1b-d	3.5	0.3	31.8bc
N16034	492c	3606b	57.4b	35.8	73.4g	26.4f	25.5ab	3.2	1.1	38.0a

¹ Entries sorted from highest to lowest contract revenue per acre. Plots dug on Nov. 3 (170 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 \$475/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. 2.

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