

Table 6. Crop value, yield, grade, Sclerotinia blight, pod and shelling characteristics in advanced Virginia breeding lines and commercial cultivars planted at the Caddo Research Station in Fort Cobb on June 21, 2023.¹

Entry	Revenue (\$/A) ²	Yield (lbs/A)	Grade ³	SM ⁴	100-seed (g)	VDK (%) ⁵	Hull (%)	Super Jumbo (%)	Jumbo (no./oz) ²	Fancy (no./oz) ²
ARSOK V99	1120a	4537a	68.1	5.0b	83.0cd	0.8	30.0b	12.7a	14.7bc	19.7d-f
Comrade	1009b	4103ab	67.8	23.3ab	98.1a	0.5	30.8ab	10.0d	15.3b	23.5bc
Jupiter	974b	4092ab	65.6	21.1ab	88.8b	0.7	32.9ab	11.3bc	14.0cd	21.0cd
ARSOK V103-3	969b	4014a-c	66.5	25.8ab	89.5b	1.1	31.5ab	11.9ab	17.7a	26.9a
ARSOK V98	962b	4026a-c	65.9	4.6b	88.1bc	0.7	32.6ab	11.0c	12.9d	17.6ef
ARSOK V103-1	920bc	3921a-c	64.8	10.7b	90.2b	0.9	33.4a	11.8ab	17.1a	25.6ab
Bailey II	846c	3531bc	66.1	22.9ab	82.1d	0.7	31.8ab	11.4bc	12.9d	16.9f
Emery	825c	3395c	67.1	38.8a	86.6b-d	0.5	31.4ab	11.2bc	14.1c	20.7c-e

¹ Entries sorted by highest to lowest contract revenue per acre. Peanuts were dug Nov. 3 (136 days after planting; 2,823 growing degree days in Fahrenheit). Numbers with the same lowercase letter within columns are not significantly different ($\alpha = 0.05$). No differences among entries if letters absent in column.

² Based on contract price of \$650/ton. Calculations do not include deductions for excess splits or damaged and other kernels.

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

⁴ Incidence of Sclerotinia blight rated on Oct. 13.

⁵ VDK, visibly damaged kernels.

⁶ Number of pods per ounce for pods riding slotted screens sized for super jumbo (40/64 x 3" slots), jumbo (37/64 x 3"), fancy (32/64 x 3")