



**Table 2. Yield, grade, Sclerotinia blight and shelling characteristics in advanced runner breeding lines and commercial cultivars planted at the Caddo Research Station in Fort Cobb on May 14, 2021.<sup>1</sup>**

Entry	Revenue (\$/A) <sup>2</sup>	Yield (lbs/A)	Grade <sup>3</sup>	Sclerotinia <sup>4</sup>	100-Seed (g)	ELK (%) <sup>5</sup>	Medium (%) <sup>5</sup>	Small (%) <sup>5</sup>	VDK (%) <sup>5</sup>	Hull (%)
<b>Runner</b>										
Lariat	787	3618ab	75.1ab	2.3bc	72.4ef	40.3e-g	29.4b-d	3.0a-d	1.0	22.3d
ARSOK-R96-8	774	3993a	68.8d	0.5c	89.0a	58.7a	5.9j	0.8f	1.3	29.2a
Southwest Runner	761	3860ab	68.9d	0.0c	53.9l	4.10e-g	24.7d-g	2.3de	1.5	28.4ab
ARSOK-R95-1	735	3473ab	74.0a-c	1.8bc	73.5d-f	40.4e-g	29.1b-e	2.0d-f	1.0	23.6cd
ARSOK-R90-12	709	3219ab	76.1a	4.0a-c	71.4e-g	43.1d-f	27.5b-f	2.3de	0.9	22.0d
ARSOK-R93-1	705	3352ab	73.6a-c	6.3a-c	75.1c-e	52.8ab	17.2i	1.4ef	2.3	22.9d
ARSOK-R109-1	689	3340ab	71.8a-d	9.5ab	71.1e-g	41.9e-g	25.4d-g	2.9b-d	1.2	25.0b-d
ACI 476	685	3364ab	70.6b-d	3.5a-c	57.8lk	33.4h-j	32.1a-c	3.9ab	0.8	26.4a-c
ARSOK R106-9	682	3219ab	73.8a-c	5.5a-c	68.6f-h	45.5c-e	23.1f-h	2.3de	0.8	23.5cd
ARSOK R91-2	664	3182ab	73.0a-d	3.3a-c	80.6b	52.0b	17.9hi	1.1ef	1.2	24.9cd
ACI 3321	664	3243ab	71.4b-d	8.0a-c	70.4e-g	35.9g-i	30.1b-d	3.8a-c	1.4	25.1b-d
FloRun '107'	654	3181ab	70.4cd	9.8ab	66.7g-i	37.6f-h	27.2c-f	3.8ab	1.0	26.2a-c
ARSOK R107-2	643	3098ab	72.4a-d	5.8a-c	64.0h-i	64.0h-i	23.6e-h	3.2a-d	1.4	24.0cd
ARSOK-R94-4	638	3098ab	73.0a-d	4.5a-c	80.0bc	80.0bc	19.7g-i	2.4c-e	2.4	23.3cd
ARSOK R92-13	637	3037ab	72.6a-d	3.0a-c	78.4b-d	78.4b-d	18.6hi	2.1d-f	2.0	24.0cd
ACI 080	613	2916ab	72.9a-d	6.3a-c	60.1jk	60.1jk	36.9a	4.5a	1.2	23.5cd
IPG914	574	2819b	70.1cd	10.8a	61.9i-k	61.9i-k	33.2ab	4.3ab	0.8	26.6a-c

<sup>1</sup> Market types were analyzed separately and were ordered by highest to lowest contract revenue per acre. Runners were dug Oct. 26 (166 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 ( $\alpha = 0.05$ ).

<sup>2</sup> Based on a contract price per ton of \$575 for runners. Calculations do not include deductions for excess splits or damaged and other kernels.

<sup>3</sup> Grade = percent total sound mature kernels + sound splits.

<sup>4</sup> Incidence of Sclerotinia blight rated on Oct. 22. Percentage of pods with symptoms of pod rot estimated after digging.

<sup>5</sup> Runner screen sizes: ELK (extra-large kernels), 21/64; medium kernels, 18/64; small kernels, 16/64; VDK (visibly damaged kernels).