



**Bulloch County Extension**

151 Langston Chapel Road, Suite 600 • Statesboro, GA 30458  
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## Sikes Farms Irrigated Cotton Seed Population Trial

Seed/Acre	Seed Spacing (In.)	DP 1840 B3XF	NG 5711 B3XF	Total lbs/a
22,000	7.92	1544	1546	1545
25,000	6.97	1604	1618	1611
28,000	6.22	1623	1602	1612
31,000	5.62	1555	1596	1575
34,000	5.12	1593	1569	1581

Seed/Acre	Total Yield (lbs/a)	Seed Cost (\$/A) *	Value/A @ \$0.72/lb	Value/A minus Seed Cost
22,000	1545	\$56.19	\$1,112.65	\$1,056.45
25,000	1611	\$63.86	\$1,160.04	\$1,096.18
28,000	1612	\$71.52	\$1,160.87	\$1,089.35
31,000	1575	\$79.18	\$1,134.26	\$1,055.08
34,000	1581	\$86.84	\$1,138.37	\$1,051.52

\*The seed cost (\$/A) was derived from averaging the price of both cotton varieties (230,000 seed count bags) used in trial.

**Cooperator: Greg Sikes**

**Planted: 25 May 2020**

**Harvested: 28 October 2020**

Planted on 36" rows with 12-row planter (DP 1840 B3XF in left 6 planters, NG 5711 B3XF in right 6 planters). 24 rows are included in each seeding rate and planter is traveling 6 miles per hour.

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# Sikes Farms Cotton

## Seed Population Trial

### *Summary 2018-2020*

Seed/Acre	Seed Spacing (In.)	Yield (lbs/a)			3 Year Average (lbs/a)
		2018	2019	2020	
22,000	7.92	823	988	1545	<b>1119</b>
25,000	6.97	813	954	1611	<b>1126</b>
28,000	6.22	870	959	1612	<b>1147</b>
31,000	5.62	827	907	1575	<b>1103</b>

**Cooperator: Greg Sikes**

*Two varieties were planted each year on 36" rows with 12-row planter. A total of 24 rows were planted for each seeding rate population and planter was traveling 6 miles per hour.*