

Update on Seed Quality & Quantity for 2022 Planting

Georgia Peanut Farm Show – Industry Seed Seminar

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Georgia Crop

Improvement Association

GCIA Peanut Seed Update

- Certified acres decreased to 128K in 2021 as compared to 135K acres in 2020; inadequate isolation is most frequent issue leading to rejected acres; isolation of 4 rows or minimum of 10 feet is required for all classes of certified seed from other varieties.
- Field inspections were completed in September; certified buying points were inspected in the fall, along with additional warehouse facilities; GCIA staff are currently inspecting shelling and treating facilities.

GCIA Certified Peanut Seed Production By Variety By Year Comparison

VARIETY	2020 Acres	2021 Acres
297	1,451	536
331	1,139	1,591
Georgia Greener	15	0
Georgia-06G	115,416	107,068
Georgia-09B	5,199	3,343
Georgia-11J	19	30
Georgia-12Y	1,968	1,853
Georgia-14 N	664	974
Georgia-16HO	3,950	5,637
Georgia -18RU	1,898	2,127
Tifguard	493	555
TifNV-Hign O/L	2,597	3,995

GCIA Production - continued

Variety	Acres
Au-NPL-17	258
Georgia-19 HP	25
Georgia-20 VHO	302

Alabama Certified Peanut Seed Production 2021

Variety	Acres
297	610
331	716
511	28
ACI 3321	123
AU-NPL-17	982
Florida Fancy	43
Georgia-06G	14,957
Georgia-07W	50
Georgia-09B	2,523
Georgia-12 Y	2,497
Georgia 14 N	52
Georgia 16 HO	3,836
Georgia -18RU	94

Alabama Production - continued

Variety	Acres
Georgia Greener	30
TifNV-High O/L	403
Walton	210
TOTAL	27,154

S.C. Certified Peanut Seed Production

Variety	Acres
297	1,949
331	1,953
Bailey	289
Sullivan	186
TOTAL	4,377

2022 estimated acres based on seed availability

- Courtesy of Dr. Jim Bostick, Southern Seed Certification Association

Variety	Seed Acres	Farmer Stock lbs	Seed @ 800lbs/ton	Planted Acres at 135 lbs/A	% of total
297	1,146.00	5,157,000.00	2,062,800.00	15,280.00	0.74%
331	2,306.62	10,379,790.00	4,151,916.00	30,754.93	1.49%
511	28.00	126,000.00	50,400.00	373.33	0.02%
ACI 3321	123.00	553,500.00	221,400.00	1,640.00	0.08%
AU-NPL 17	1,240.00	5,580,000.00	2,232,000.00	16,533.33	0.80%
FL Fancy	43.00	193,500.00	77,400.00	573.33	0.03%
Ga-06g	122,024.19	549,108,855.00	219,643,542.00	1,626,989.20	78.61%
Ga-07w	50.00	225,000.00	90,000.00	666.67	0.03%
Ga-09b	5,865.90	26,396,550.00	10,558,620.00	78,212.00	3.78%
Ga-11j	30.00	135,000.00	54,000.00	400.00	0.02%
Ga-12y	4,350.40	19,576,800.00	7,830,720.00	58,005.33	2.80%
Ga-14N	1,025.50	4,614,750.00	1,845,900.00	13,673.33	0.66%
Ga-16HO	9,472.41	42,625,845.00	17,050,338.00	126,298.80	6.10%
Ga-18RU	2,220.84	9,993,780.00	3,997,512.00	29,611.20	1.43%
Ga Greener	30.00	135,000.00	54,000.00	400.00	0.02%
Ga-19HP	25.00	112,500.00	45,000.00	333.33	0.02%
Ga-20VHO	301.40	1,356,300.00	542,520.00	4,018.67	0.19%
Tifguard	554.50	2,495,250.00	998,100.00	7,393.33	0.36%
TifNV-HOL	4,397.65	19,789,425.00	7,915,770.00	58,635.33	2.83%
Total	155,234.41	698,554,845.00	279,421,938.00	2,069,792.13	100.00%

Farmer Stock is estimated at 4,500 lb yield

Seed is estimated at 800 lbs of seed per farmer stock ton

Acres are estimated at 135 lbs seed per acre

Intellectual Property Protection

All the varieties noted today have Plant Variety Protection (PVP Law):

- A farmer may save enough seed to plant his or her own holdings but no seed may be sold without permission from the variety owner.

Georgia-18RU is a patented variety and seed may not be saved.

Patent application has been filed on Georgia-20VHO.

Seed Quality & Quantity 2022

- Overall seed quantity should be adequate for this year; however, there could be a shortage on some minor varieties; suggest securing seed early if possible.
- Early reports out of the state seed lab suggest significantly less *Aspergillus* as compared to last year. Quality is good to very good on most lots with germination in the 80's & 90's.
- Overall, we believe seed quality is going to be good to excellent for the 2022 planting season.

THANK YOU

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