

2016 - 2017
NURSERY PRODUCTION
SURVEY

Scott Enebak
November 2017

2016 - 2017 Survey

- ✓ Two page questionnaire sent in June to all available nursery addresses in 12 southern states.
- ✓ Follow up telephone calls made to maximize participation and update addresses.
- ✓ Creation of an Excel data file, then data summary using SAS.
- ✓ Report preparation.

RESULTS

Questionnaire Response

- Total of 58 surveys sent out.
- 43 were returned with seedling production numbers.
- 15 nurseries did not respond to survey.
- 6 of those 15 nurseries had responded to our requests in previous years.
- 49 surveys in data, 1 fewer data points than last year.

Conifer Production by Stock: 2016-17

	Conifer Production	Percent Change from Last Year
Bareroot Stock	829,033,000	+ 2.8%
Container Stock	211,769,000	+ 3.0%
Total Conifer	1,040,802,000	+ 2.9%

Table 1, 2 & 3

Conifer Production: 2016-2017

Species	Production	Percent Change from Last Year
Loblolly Pine	814,458,000	+ 3.9 %
Slash Pine	114,642,000	+ 2.2 %
Longleaf Pine	92,734,000	- 6.2 %

- **87% of Loblolly pine produced is bareroot stock**
- **84% of Slash pine produced is bareroot stock**
- **96% of Longleaf pine produced is container stock**

Table 1, 2 & 3

Conifer Production: 2016-2017

	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
Loblolly	78%	77%	78%	77%	76%	75%
Slash	11%	10%	10%	10%	9%	9%
Longleaf	09%	11%	11%	11%	12%	13%
Total	98%	98%	99%	98%	97%	98%

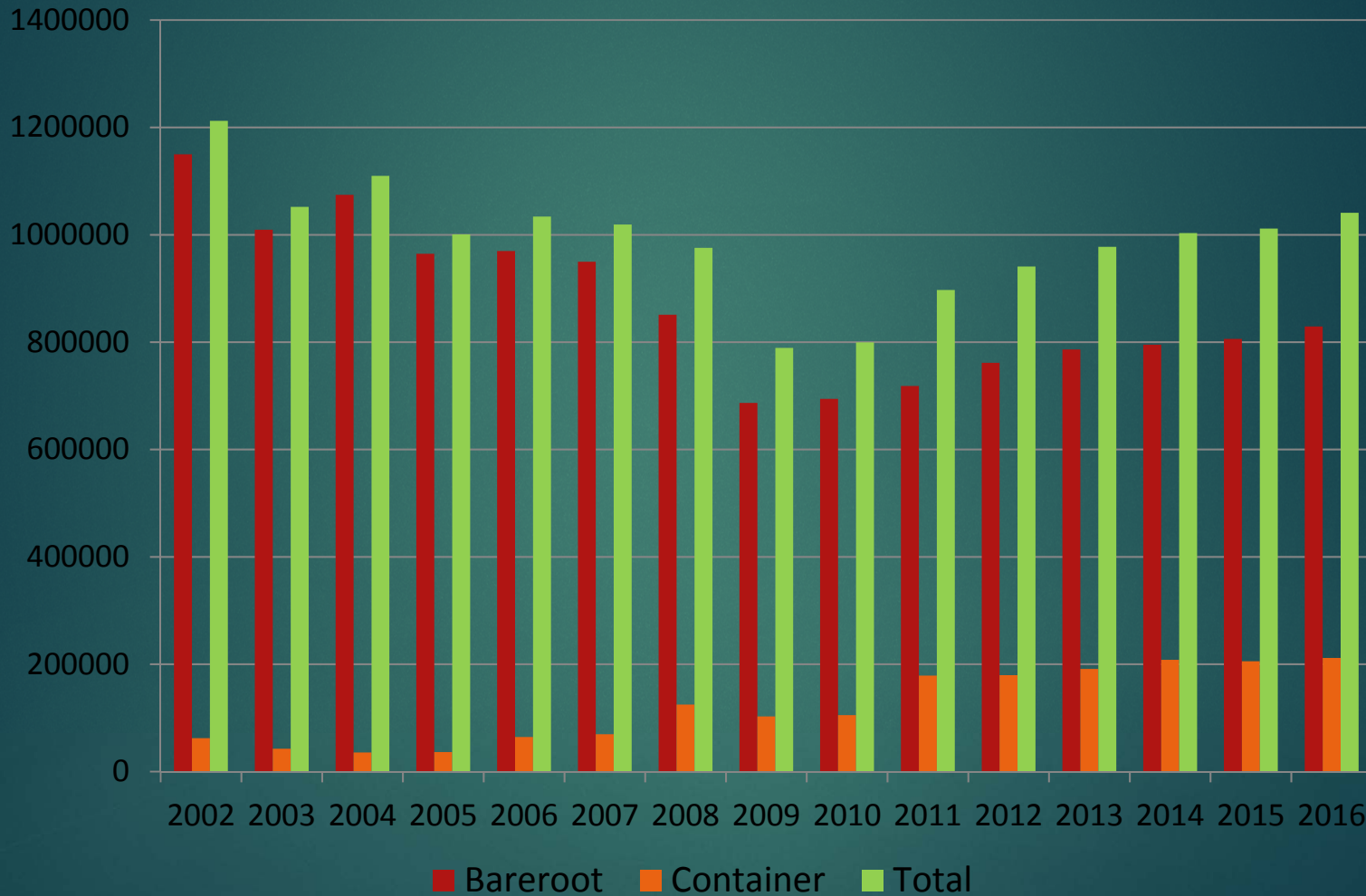
Table 1, 2 & 3

Production by Ownership Category: CONIFERS

	2016-2017		2015-2016	
	Production	Percent	Production	Percent
Bareroot				
State	78,029,000	9	72,239,000	9
Private	369,529,000	45	419,960,000	65
Industry	381,472,000	46	313,822,000	26
Container				
State	8,127,000	4	7,459,000	4
Private	180,917,000	85	177,694,000	91
Industry	22,726,000	11	20,250,000	5

Table 7

CONIFER Production by Stock Type: 2002-2016



Tables 1, 2 & 3

Hardwood Production

	2016-2017		2015-2016		2014-2015	
	Numbers	Percent Change	Numbers	Percent Change	Numbers	Percent Change
Bareroot Stock	23,596,000	+3.8%	22,717,000	- 17%	27,279,000	- 5%
Container Stock	535,000	+64%	395,000	- 51%	804,000	- 48%
Total Hardwood	24,131,000	+9.1	22,112,000	- 21%	28,083,000	- 7%

Table 4, 5 & 6

RESULTS - Hardwood production

	2016-17	% Change Previous yr	2015-16	% Change Previous yr
Dogwood	351,000	- 21%	448,000	+ 10%
Eucalyptus	175,000		0	
Green Ash	531,000	-12%	609,000	- 49%
Oak	15,025,000	+ 5%	14,217,000	- 28%
Others	5,466,000	+ 17 %	4,637,000	-17%
Pecan	528,000	- 16 %	634,000	-12%
Sweetgum	936,000	- 23%	1,227,000	+51%
Sycamore	552,000	+ 2%	544,000	-14%
Walnut	79,000	- 6%	84,000	-88%
Yellow Poplar	488,000	-31%	712,000	+21%
Total	24,131,000	+ 4%	23,112,000	-22%

Table 6

Hardwood Production: 2005-2016

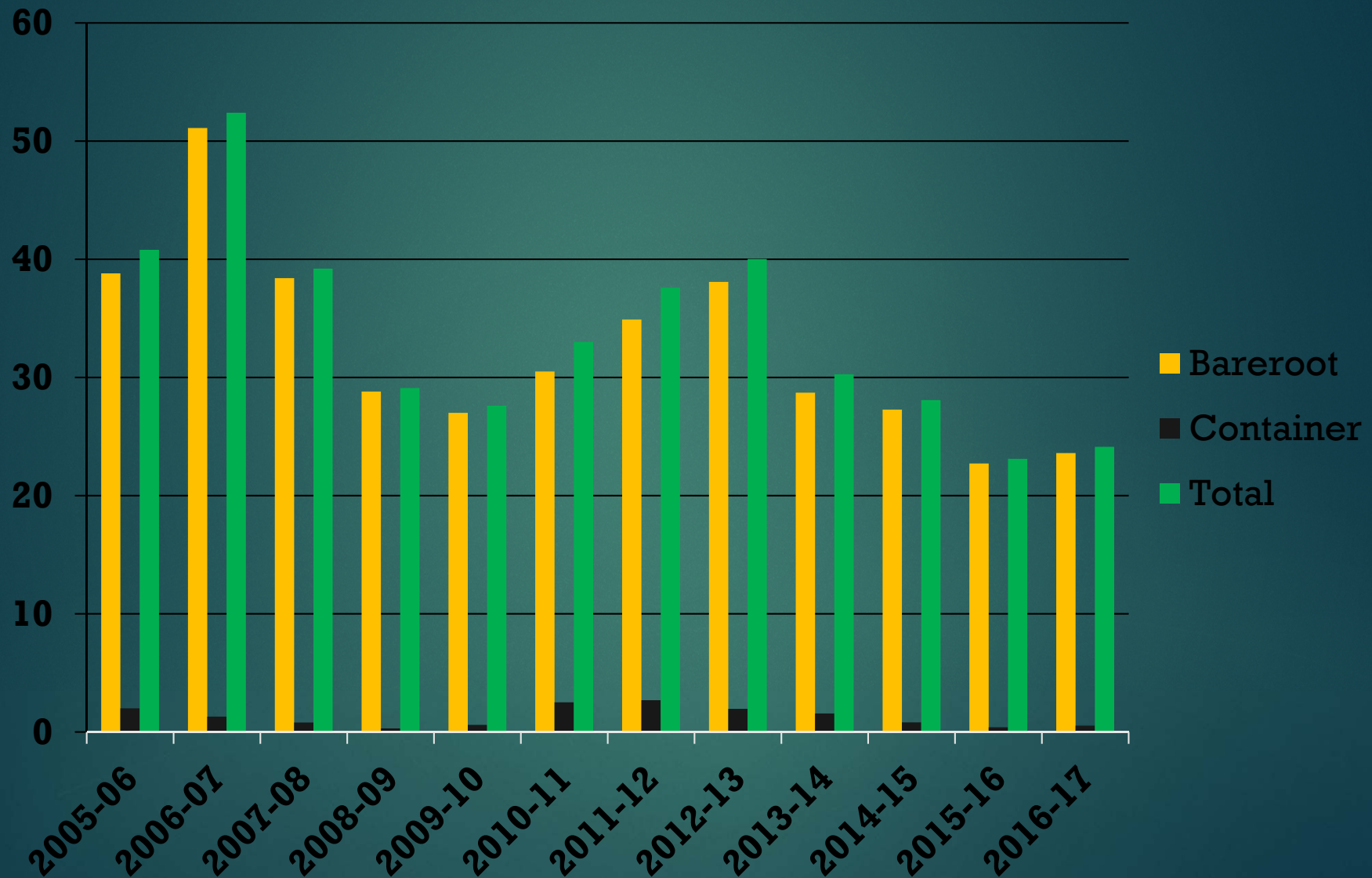


Table 4 & 5

Production by Ownership Category: Hardwoods

	2016-2017		2015-2016		2014-2015	
	Production	Percent	Production	Percent	Production	Percent
Bareroot						
State	9,078,000	38	7,949,000	35	12,544,000	46
Private	11,770,000	50	12,224,000	58	11,149,000	41
Industry	2,745,000	12	2,543,000	7	3,723,000	14
Container						
State	4,000	1	12,000	3	8,000	1
Private	531,000	99	383,000	97	796,000	99
Industry	0	0	0	0	1,000	0

Table 7

Production by Ownership Category: ALL SPECIES

	2016-2017			15-16 (MM)	14-15 (MM)	13-14 (MM)	12-13 (MM)
State	95,241,000	9%		8%	10%	11%	11%
Private	562,749,000	53%		59%	56%	51%	55%
Industry	406,944,000	38%		33%	34%	39%	34%
Total	1,064,934,000			1,034.5	1,031.3	1,013.9	980.9

Table 10

Production by State - All species

	2016-2017 Production (x 1000)	Rank	% Change Previous Year	2015-2016 Production (x 1000)	Rank	% Change Previous Year
Alabama	106,116	3	-9	116,002	3	-6
Arkansas	98,277	4	-1	98,819	4	-8
Florida	59,056	8	-2	60,438	8	65
Georgia	352,661	1	5	334,834	1	-2
Louisiana	33,707	10	42	23,735	10	7
Mississippi	86,455	5	3	84,048	5	3
N. Carolina	73,852	7	12	65,838	7	-1
Oklahoma	4,845	12	269	1,313	12	-54
S. Carolina	130,289	2	-6	139,304	2	7
Tennessee	5,887	11	-21	7,438	11	4
Texas	78,420	6	9	71,728	6	-12
Virginia	35,369	9	14	31,040	9	2

Table 11

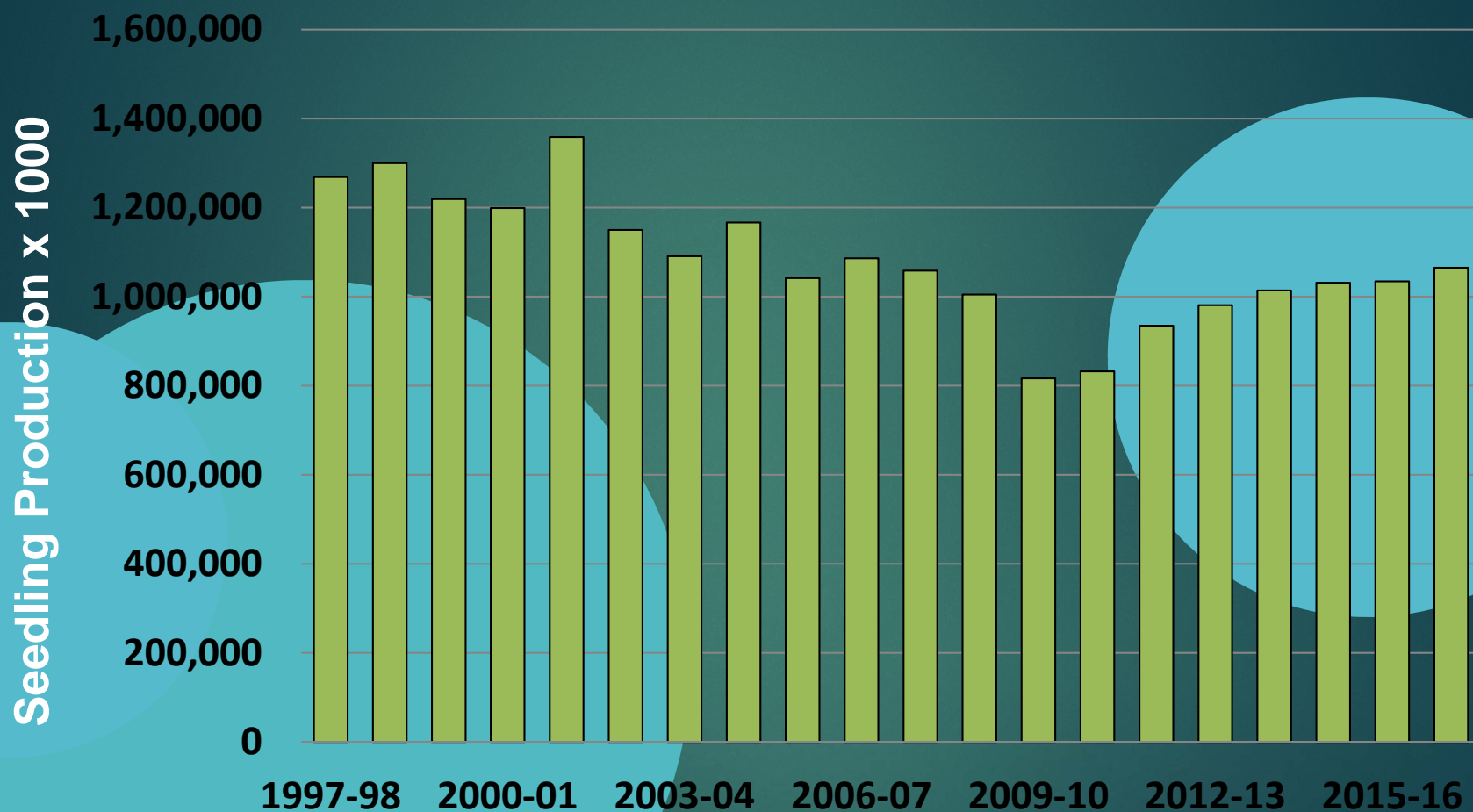
AU Southern Forest Nursery Management Cooperative Members

- All species & stock types

Nursery Cooperative Members comprise 82% of all regional seedling production.

Nursery Cooperative Members comprised 87% of bareroot seedlings and 60% of container seedlings.

Seedling Production: 1997-2016



Data from USFS, GFC and Nursery Cooperative

2016-17 Seedling Production Survey

1. After four years of below the magical 1 BILLION mark, regional seedling production was up again with 1,064,928,000 seedlings.
2. Seedling production in 2016 is up 2.9% overall across the region from the 2015 planting season. Continues a 8-yr trend of increasing since 2010.
3. Regional bareroot conifer production is up 2.8 % and hardwood production increased slightly; 2.0 MM (+9.1%) from the 2015 planting season.
4. Georgia is the No. 1 seedling producer for conifer (347.6 MM) and Arkansas is the No. 1 hardwood (11.1 MM) seedling producer.
5. Nursery Cooperative members continue to lead seedling production in the region and have increased it's contribution to container stock production.
6. While small private nurseries are responding more favorably to our requests for seedling production, a large portion of private, container producers are not.

