

Disclaimer: Timber estimates are not guaranteed.

Summary Report By Class/Group/Product Strata 1: Natural Timber

Tract: Starling	Matre Forestry Consulting, Inc. 2549 Lafayette Plaza Dr Albany, GA 31707 Phone: 229-639-4973 Fax: 229-255-2910 E-Mail: mike@matreforestry.com	Total Acres: 32.8
Cruiser: SR		Number of Plots: 39
Location: Atkinson Co. GA		Cruise Method: Point
Owner: Starling		BAF: 10
		Cruise Date: 11/12/2018

Pine											
<i>Total Tract</i>					<i>Average Acre</i>					<i>Average Tree</i>	
<i>Product</i>	<i>Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>BA</i>	<i>Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>DBH</i>	<i>MerchHt</i>
Natural Pine											
Sawtimber	737	799	87	122	28.5	22	24	2.646	3.733	15.1	39.9
Chip-N-Saw	776	352	28	38	14.6	24	11	0.841	1.160	10.6	33.5
Pulpwood	494	149			6.4	15	5			8.6	36.8
Sub-Total	2,007	1,299	114	161	49.5	61	40	3.488	4.894	11.8	36.7
Pine Topwood											
Topwood		294					9				
Pine Total	2,007	1,593	114	161	49.5	61	49	3.488	4.894	11.8	36.7

Hardwood											
<i>Total Tract</i>					<i>Average Acre</i>					<i>Average Tree</i>	
<i>Product</i>	<i>Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>BA</i>	<i>Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>DBH</i>	<i>MerchHt</i>
Cypress											
Sawtimber	14	9	1	1	0.5	0	0	0.021	0.031	14.9	19.5
Chip-N-Saw	11	5	0	0	0.3	0	0	0.008	0.015	12.0	24.0
Mulch	791	189			9.0	24	6			8.1	35.3
Sub-Total	816	203	1	2	9.7	25	6	0.029	0.046	8.3	34.8
Gum/Tupalo											
Pallet	52	17	1	2	1.0	2	1	0.033	0.054	10.9	21.7
Pulpwood	1,197	236			12.6	37	7			7.8	29.9
Sub-Total	1,249	253	1	2	13.6	38	8	0.033	0.054	7.9	29.6
Hard Hardwoods											
Pulpwood	37	11			0.5	1	0			9.0	31.4
Sub-Total	37	11	0	0	0.5	1	0	0.000	0.000	9.0	31.4
Soft Hardwoods											
Pulpwood	189	48			2.3	6	1			8.3	30.5
Sub-Total	189	48	0	0	2.3	6	1	0.000	0.000	8.3	30.5
Water/Misc Oaks											
Sawtimber	19	14	1	2	0.8	1	0	0.042	0.056	15.7	18.6
Pulpwood	275	80			3.3	8	2			8.3	32.4
Sub-Total	294	93	1	2	4.1	9	3	0.042	0.056	8.8	31.5
Hardwood Topwood											
Topwood		23					1				
Hdwd. Total	2,584	632	3	5	30.3	79	19	0.104	0.156	8.2	31.5
Grand Total	4,591	2,225	118	166	79.7	140	68	3.592	5.050	9.8	33.8

Summary Product By DBH Report Strata 1: Natural Timber

<p>Tract: Starling Cruiser: SR Location: Atkinson Co. GA Owner: Starling</p>	<p>Matre Forestry Consulting, Inc. 2549 Lafayette Plaza Dr Albany, GA 31707 Phone: 229-639-4973 Fax: 229-255-2910 E-Mail: mike@matreforestry.com</p>	<p style="text-align: right;">Total Acres: 33 Number of Plots: 39 Cruise Method: Point BAF: 10 Cruise Date: 11/12/2018</p>
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Pine

Natural Pine			Total Tract				Average Acre						Average Tree		
Sawtimber	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	13	119	83	7	11	2,327	3.3	4	3	0.211	0.342	71	0.58	34.1	
	14	181	160	15	23	4,529	5.9	6	5	0.454	0.698	138	0.64	38.9	
	15	178	188	20	29	5,374	6.7	5	6	0.605	0.873	164	0.74	40.5	
	16	133	165	19	26	4,733	5.6	4	5	0.566	0.785	144	0.83	42.9	
	17	43	59	7	10	1,715	2.1	1	2	0.222	0.295	52	0.96	42.0	
	18	52	80	10	13	2,313	2.8	2	2	0.318	0.407	71	1.08	40.7	
	19	17	31	4	5	913	1.0	1	1	0.130	0.163	28	1.16	46.0	
	20	8	16	2	3	469	0.5	0	0	0.069	0.084	14	1.27	48.0	
	21	7	16	2	3	470	0.5	0	0	0.072	0.086	14	1.40	48.0	
Sawtimber Total		737	799	87	122	22,843	28.5	22	24	2.646	3.733	696	0.78	39.9	

Chip-N-Saw	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	9	114	31	3	2	832	1.5	3	1	0.093	0.076	25	0.27	27.3	
	10	278	106	8	10	2,883	4.6	8	3	0.259	0.309	88	0.32	32.3	
	11	191	93	7	10	2,556	3.8	6	3	0.210	0.313	78	0.39	34.1	
	12	193	122	9	15	3,399	4.6	6	4	0.279	0.463	104	0.46	38.2	
Chip-N-Saw Total		776	352	28	38	9,669	14.6	24	11	0.841	1.160	295	0.37	33.5	

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Product By DBH Report Strata 1: Natural Timber

Natural Pine			Total Tract				Average Acre					Average Tree			
Pulpwood	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	5	62	4			91	0.3	2	0			3	0.00	19.4	
	6	86	8			201	0.5	3	0			6	0.00	22.9	
	8	48	10			275	0.5	1	0			8	0.00	35.1	
	9	57	16			430	0.8	2	0			13	0.00	36.7	
	10	154	61			1,644	2.6	5	2			50	0.00	43.3	
	11	76	42			1,146	1.5	2	1			35	0.00	51.4	
	12	11	8			218	0.3	0	0			7	0.00	59.5	
Pulpwood Total		494	149	0	0	4,004	6.4	15	5	0.000		122	0.00	36.8	
Natural Pine Total		2,007	1,299	114	161	36,516	49.5	61	40	3.488	4.894	1,113	0.59	36.7	
Pine Topwood															
Topwood			294						9						
Pine Total		2,007	1,593	114	161	36,516	49.5	61	49	3.488	4.894	1,113	0.59	36.7	

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Product By DBH Report Strata 1: Natural Timber

Hardwood

Cypress		<i>Total Tract</i>					<i>Average Acre</i>					<i>Average Tree</i>		
Sawtimber	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	14	8	4	0	0	126	0.3	0	0	0.007	0.012	4	1.00	16.0
	16	6	5	0	1	162	0.3	0	0	0.014	0.019	5	1.12	24.0
Sawtimber Total		14	9	1	1	289	0.5	0	0	0.021	0.031	9	1.07	19.5

Chip-N-Saw	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	12	11	5	0	0	156	0.3	0	0	0.008	0.015	5	0.61	24.0
Chip-N-Saw Total		11	5	0	0	156	0.3	0	0	0.008	0.015	5	0.61	24.0

Mulch	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	6	86	9			258	0.5	3	0			8	0.00	24.6
	7	157	25			723	1.3	5	1			22	0.00	30.6
	8	313	67			2,013	3.3	10	2			61	0.00	35.1
	9	95	29			869	1.3	3	1			26	0.00	40.9
	10	93	36			1,071	1.5	3	1			33	0.00	42.7
	11	38	19			568	0.8	1	1			17	0.00	45.7
	13	9	6			187	0.3	0	0			6	0.00	44.2
Mulch Total		791	189	0	0	5,689	9.0	24	6	0.000		173	0.00	35.3

Cypress Total		816	203	1	2	6,133	9.7	25	6	0.029	0.046	187	0.84	34.8
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Gum/Tupalo		<i>Total Tract</i>					<i>Average Acre</i>					<i>Average Tree</i>		
Pallet	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	10	15	4	0	0	115	0.3	0	0	0.008	0.011	4	0.43	17.5
	11	25	9	1	1	273	0.5	1	0	0.016	0.028	8	0.46	23.4
	12	11	4	0	0	139	0.3	0	0	0.009	0.015	4	0.54	24.0
Pallet Total		52	17	1	2	527	1.0	2	1	0.033	0.054	16	0.47	21.7

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Product By DBH Report Strata 1: Natural Timber

Gum/Tupalo			Total Tract				Average Acre					Average Tree			
Pulpwood	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	6	300	31			913	1.8	9	1			28	0.00		24.2
	7	157	22			663	1.3	5	1			20	0.00		26.8
	8	434	83			2,487	4.6	13	3			76	0.00		30.0
	9	152	40			1,214	2.1	5	1			37	0.00		34.1
	10	93	32			972	1.5	3	1			30	0.00		38.2
	11	51	23			688	1.0	2	1			21	0.00		42.4
	12	11	5			161	0.3	0	0			5	0.00		39.7
Pulpwood Total		1,197	236	0	0	7,099	12.6	37	7	0.000		216	0.00		29.9
Gum/Tupalo Total		1,249	253	1	2	7,626	13.6	38	8	0.033	0.054	233	0.47		29.6
Hard Hardwoods			Total Tract				Average Acre					Average Tree			
Pulpwood	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	8	24	5			126	0.3	1	0			4	0.00		27.6
	11	13	6			164	0.3	0	0			5	0.00		38.7
Pulpwood Total		37	11	0	0	290	0.5	1	0	0.000		9	0.00		31.4
Hard Hardwoods To		37	11	0	0	290	0.5	1	0	0.000		9	#Num!		31.4
Soft Hardwoods			Total Tract				Average Acre					Average Tree			
Pulpwood	DBH	# Trees	Tons	DMBF	SMBF	Cu.Ft.	BA	# Trees	Tons	DMBF	SMBF	Cu.Ft.	SL	CF/Ft	MerchHt
	6	43	4			117	0.3	1	0			4	0.00		19.7
	7	31	5			132	0.3	1	0			4	0.00		24.6
	8	48	10			296	0.5	1	0			9	0.00		30.0
	10	46	17			501	0.8	1	1			15	0.00		38.1
	12	11	6			182	0.3	0	0			6	0.00		45.0
	13	9	6			187	0.3	0	0			6	0.00		47.6
Pulpwood Total		189	48	0	0	1,414	2.3	6	1	0.000		43	0.00		30.5
Soft Hardwoods Tot		189	48	0	0	1,414	2.3	6	1	0.000		43	#Num!		30.5

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Product By DBH Report Strata 1: Natural Timber

Water/Misc Oaks							Average Acre						Average Tree	
<i>Total Tract</i>														
Sawtimber	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	14	8	4	0	0	111	0.3	0	0	0.010	0.015	3	0.88	16.0
	16	6	6	1	1	150	0.3	0	0	0.018	0.024	5	1.04	24.0
	18	5	4	0	1	112	0.3	0	0	0.014	0.018	3	1.47	16.0
Sawtimber Total		19	14	1	2	373	0.8	1	0	0.042	0.056	11	1.08	18.6
Pulpwood	<i>DBH</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>BA</i>	<i># Trees</i>	<i>Tons</i>	<i>DMBF</i>	<i>SMBF</i>	<i>Cu.Ft.</i>	<i>SL CF/Ft</i>	<i>MerchHt</i>
	6	43	6			145	0.3	1	0			4	0.00	26.0
	7	63	11			292	0.5	2	0			9	0.00	28.1
	8	72	17			459	0.8	2	1			14	0.00	31.1
	9	38	13			339	0.5	1	0			10	0.00	36.4
	10	31	13			349	0.5	1	0			11	0.00	38.8
	11	13	6			174	0.3	0	0			5	0.00	39.7
	14	16	14			366	0.5	0	0			11	0.00	44.8
Pulpwood Total		275	80	0	0	2,125	3.3	8	2	0.000		65	0.00	32.4
Water/Misc Oaks To		294	93	1	2	2,498	4.1	9	3	0.042	0.056	76	1.08	31.5
Hardwood Topwood														
Topwood			23						1					
Hardwood Total		2,584	632	3	5	17,961	30.3	79	19	0.104	0.156	548	0.67	31.5
Grand Total		4,591	2,225	118	166	54,478	79.7	140	68	3.592	5.050	1,661	0.59	33.8

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Pre-Merch Summary Strata 2 & 3: Pre-Merch Planted Pines

Starling Tract

11/16/2018



Stand#	Year Planted	Age as of 2018	Species	Acres	Spacing	Survival	Current Stocking (trees per Ac)	Management Notes:
2A	2012	6	Slash	22.2	12x6	Excellent	Fully	Raked; double bedded; sprayed for hardwood and weeds; hand planted select container slash 2012/13; Lewis Taylor Farms Nursery
3A	2015	3	Slash	22.6	12x6	Excellent	Fully	Raked; double bedded; sprayed for hardwood and weeds; hand planted select container slash 2015/16; IFCO Nursery
		4.5		44.8				