

# Cruise Details

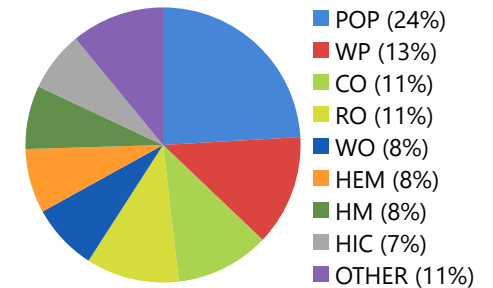
<b>Tract Name:</b>	Charles Johnson 1
<b>Client Name:</b>	Foxfire
<b>Inventory Type:</b>	Point Sample
<b>Cruise Acres:</b>	438
<b>Total Acres:</b>	566
<b>Number of Plots:</b>	92
<b>BAF:</b>	15
<b>Plot/Line Spacing:</b>	7 x 7 chains
<b>DBH Class:</b>	2 inch
<b>Volume Scale:</b>	Doyle
<b>Form Class:</b>	Species Specific
<b>Cruise Date:</b>	11/2024
<b>Date of Report:</b>	11/20/2024

## Sawtimber Summary Info

2016  
882835

BF/Acre  
Total Board Feet

Species Composition

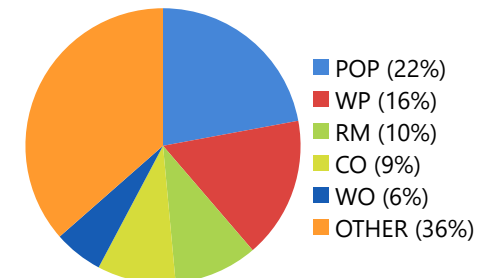


## Pulpwood Summary Info

37.8  
16565.6

Tons/Acre  
Total Tons

Species Composition



# Value Summary

Foxfire | Charles Johnson 1 | 11/20/2024 | C1084 | Point Sample

Species	Total \$	Total BFV	\$/MBF	ST Value	Total Tons	\$/Ton	Pulp Value	Topwood Tons	Topwood Value
AB	\$818	-	10	-	817.7	1	\$818	0	-
BBR	\$404	9,615	25	\$240	95.2	1	\$95	69	\$69
BC	\$374	-	25	-	374.2	1	\$374	0	-
BG	\$159	-	10	-	159.3	1	\$159	0	-
BLO	\$315	-	25	-	314.6	1	\$315	0	-
BO	\$57	-	175	-	57.4	1	\$57	0	-
BSW	\$1,003	40,214	10	\$402	355.6	1	\$356	245	\$245
BUC	\$280	-	5	-	280	1	\$280	0	-
BWA	\$49	-	1000	-	48.8	1	\$49	0	-
CO	\$41,250	97,605	400	\$39,042	1502.3	1	\$1,502	706	\$706
CUC	\$440	6,751	50	\$338	86.9	1	\$87	15	\$15
EL	\$67	-	10	-	67.4	1	\$67	0	-
HEM	\$2,735	67,480	25	\$1,687	651.1	1	\$651	397	\$397
HIC	\$2,626	63,057	25	\$1,576	739.1	1	\$739	311	\$311
HM	\$14,345	65,862	200	\$13,172	769.1	1	\$769	404	\$404
MXH	\$553	-	5	-	552.6	1	\$553	0	-
POP	\$20,550	213,346	75	\$16,001	3611.2	1	\$3,611	938	\$938
RM	\$2,584	29,757	25	\$744	1608.7	1	\$1,609	231	\$231
RO	\$20,697	97,091	200	\$19,418	807.7	1	\$808	471	\$471
SO	\$1,061	5,933	175	\$1,038	0	1	-	23	\$23
WO	\$69,787	70,105	975	\$68,352	943.5	1	\$943	492	\$492
WP	\$6,188	116,019	25	\$2,900	2723.2	1	\$2,723	565	\$565
<b>TOTAL</b>	<b>\$186,342</b>	<b>882,835</b>	<b>187</b>	<b>\$164,910</b>	<b>16565.6</b>	<b>1</b>	<b>\$16,565</b>	<b>4867</b>	<b>\$4,867</b>

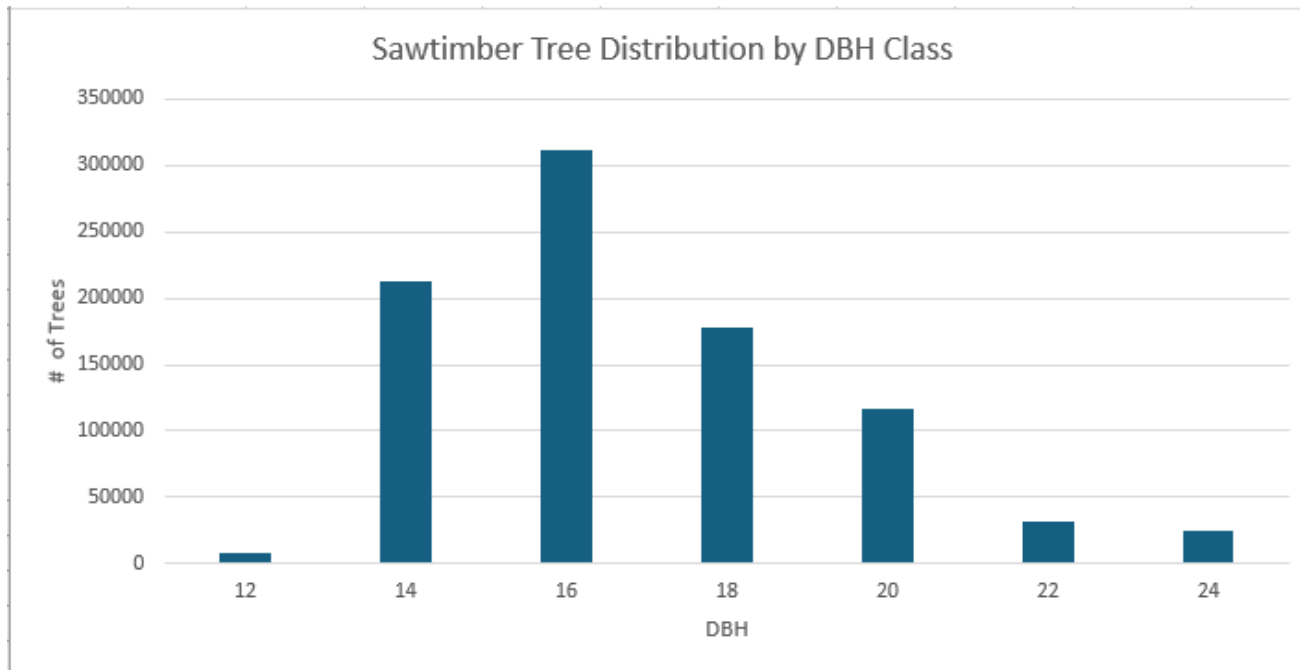


# Stock Table | Sawtimber

Foxfire | Charles Johnson 1 | 11/20/2024 | C1084 | Point Sample

DBH Class (inches)

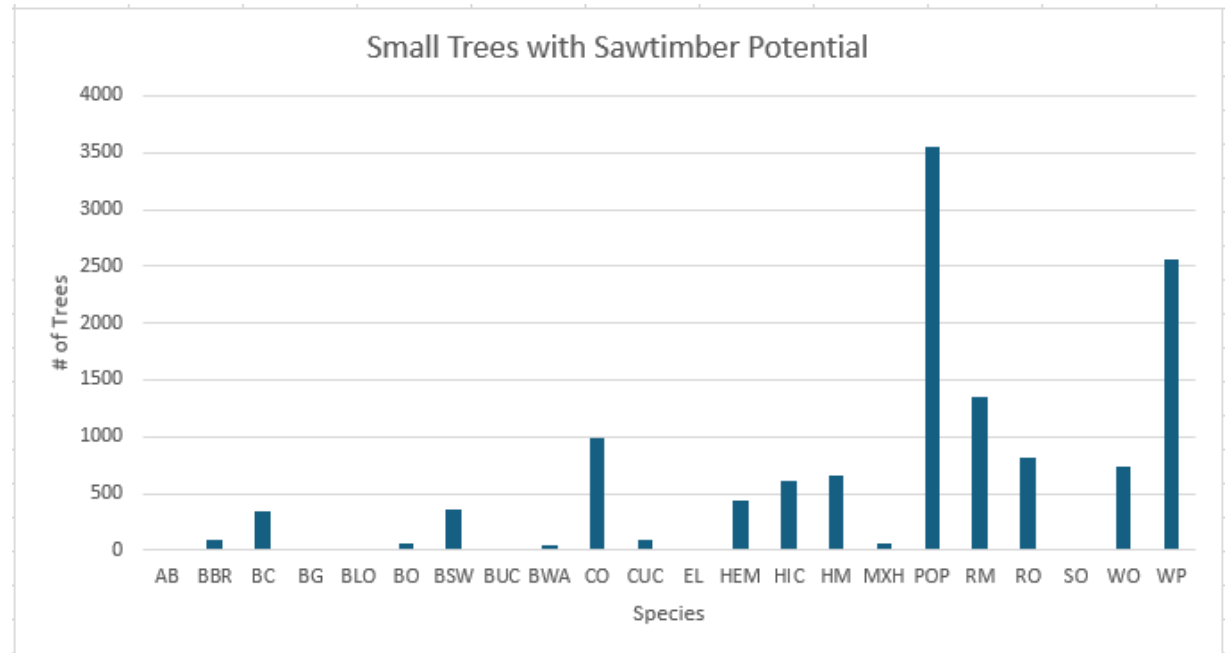
Species	12	14	16	18	20	22	24	Total
BBR	-	-	9,615	-	-	-	-	9,615
BSW	-	6,414	11,559	6,627	15,614	-	-	40,214
CO	-	18,974	33,959	39,965	-	4,707	-	97,605
CUC	-	-	6,751	-	-	-	-	6,751
HEM	4,819	22,379	26,290	6,627	7,365	-	-	67,480
HIC	-	17,436	11,866	6,627	8,543	18,585	-	63,057
HM	-	10,556	13,297	13,254	22,095	-	6,660	65,862
POP	-	66,805	90,220	25,944	30,377	-	-	213,346
RM	-	10,556	10,741	4,041	4,419	-	-	29,757
RO	-	4,142	18,617	40,733	7,365	7,980	18,254	97,091
SO	-	-	5,933	-	-	-	-	5,933
WO	-	28,394	24,038	13,254	4,419	-	-	70,105
WP	2,637	27,057	48,589	20,649	17,087	-	-	116,019
<b>TOTAL</b>	<b>7,456</b>	<b>212,713</b>	<b>311,475</b>	<b>177,721</b>	<b>117,284</b>	<b>31,272</b>	<b>24,914</b>	<b>882,835</b>



# Product Summary | Pulpwood

Foxfire | Charles Johnson 1 | 11/20/2024 | C1084 | Point Sample

Species	Potential	PULP	CULL
AB	-	818	-
BBR	95	69	-
BC	346	28	-
BG	-	159	-
BLO	-	315	-
BO	57	-	-
BSW	356	244	-
BUC	-	280	-
BWA	49	-	-
CO	983	1,227	-
CUC	87	15	-
EL	-	67	-
HEM	440	609	-
HIC	612	437	-
HM	663	511	-
MXH	66	487	-
POP	3,544	1,002	-
RM	1,342	497	-
RO	808	471	-
WO	737	700	-
WP	2,553	737	-
<b>TOTAL</b>	<b>12,739</b>	<b>8,697</b>	<b>0</b>



# Cruise Statistics

Foxfire | Charles Johnson 1 | 11/20/2024 | C1084 | Point Sample

## Sawtimber Statistics (based on 92 sample points)

Coefficient of Variation (CV%): 111

Confidence Level	% of Mean	(BFV/Acre)				(Total BFV)			
		+/-	Lower CL	Mean	Upper CL	+/-	Lower CL	Total	Upper CL
99%	29.8	601	1,413	2,014	2,614	263,238	619,597	882,835	1,146,073
95%	22.7	457	1,557	2,014	2,471	200,166	682,669	882,835	1,083,001
90%	19	384	1,630	2,014	2,397	168,192	714,643	882,835	1,051,027
80%	14.8	299	1,715	2,014	2,313	130,962	751,873	882,835	1,013,797
70%	12	242	1,772	2,014	2,255	105,996	776,839	882,835	988,831
68%	11.6	233	1,781	2,014	2,247	102,054	780,781	882,835	984,889

## Pulpwood Statistics (based on 92 sample points)

Coefficient of Variation (CV%): 60

Confidence Level	% of Mean	(Tons/Acre)				(Total Tons)			
		+/-	Lower CL	Mean	Upper CL	+/-	Lower CL	Total	Upper CL
99%	16.2	6	32	38	44	2,672	13,894	16,566	19,237
95%	12.3	5	33	38	42	2,059	14,507	16,566	18,624
90%	10.3	4	34	38	42	1,708	14,857	16,566	18,274
80%	8.1	3	35	38	41	1,314	15,252	16,566	17,880
70%	6.5	2	35	38	40	1,095	15,471	16,566	17,661
68%	6.3	2	35	38	40	1,051	15,514	16,566	17,617

## Species Codes



Code	Common Name	Scientific Name	Form Class
AB	American beech	Fagus grandifolia	78
BBR	sweet birch	Betula lenta	78
BC	black cherry	Prunus serotina	78
BG	blackgum	Nyssa sylvatica	78
BLO	black locust	Robinia pseudoacacia	78
BO	black oak	Quercus velutina	78
BSW	American basswood	Tilia americana	78
BUC	yellow buckeye	Aesculus octandra	78
BWA	black walnut	Juglans nigra	78
CO	chestnut oak	Quercus prinus	78
CUC	cucumber tree	Magnolia acuminata	78
EL	elm	Ulmus spp.	78
HEM	eastern hemlock	Tsuga canadensis	78
HIC	hickory	Carya spp.	78
HM	sugar maple	Acer saccharum	78
MXH	hardwoods		78
POP	yellow-poplar	Liriodendron tulipifera	84
RM	red maple	Acer rubrum	78
RO	northern red oak	Quercus rubra	78
SO	scarlet oak	Quercus coccinea	78
WO	white oak	Quercus alba	78
WP	eastern white pine	Pinus strobus	78



# Charles Johnson Property

2007 aerial

## Legend

-  Charles Johnson Boundary
-  Charles Johnson Timber Boundary

Google Earth

Image USDA/FPAC/GEO



3000 ft







# Charles Johnson Property

Topo

## Legend

 Charles Johnson

