

**Tree Matrix Report - Case Unit**

\*\*\* NOTE \*\*\* INPUT IS:

MATRIX = ' '

MSG = 'Summary of All Plots'

TITLE = 'Tree Matrix Report - Case Unit'

XAXIS = 'DBH GROUP'

YAXIS = 'SPECIES'

ZAXIS = 'SOFT-HARD'

TREES = 'BOTH'

MINDBH = 0.00000

PLACES = '3'

PERCNT = 'OFF'

INPUT = 'C:\FIAS\_data\grove\_inventory\Case Mt\Case Unit\case.txpc'

OUTPUT = 'C:\FIAS\_data\grove\_inventory\Case Mt\case.mat.trpt'

FACTOR = 1.000000

TYPE = PLOT

OPTION = V P

DEFECT = ON

INDS = I

SPECIE = ALL

CELLS( 7) = 'AGEBAR', 'BAG-10', 'BA/A', 'NT/A', 'HEIGHT', 'SEED/A', 'SUMBAF', '

GRAPH =

LIMITS = 0.000

AREA = 0.00

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS SUMBAF = (TOTAL SUM SQUARE FEET ALL TREES)

SEEDLINGS PER ACRE = 688.235	BASAL AREA PER ACRE = 178.204	GROSS 164.158	GROWING
PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%	PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%	94.12%	94.12%
PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%	PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%	70.59%	64.71%
PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%	PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%	41.18%	35.29%
PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%	PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%	29.41%	23.53%
PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%	PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%	11.76%	11.76%

DBH GROUPS:

<i>SPECIES</i>	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	20.000	0.000	20.000	0.000	80.000	0.000	0.000	629.960	709.960	729.960
SP	10.000	4.980	14.980	84.280	103.840	137.100	99.630	0.000	424.850	439.830
WF	20.000	168.560	188.560	209.420	505.320	440.000	179.630	40.720	1375.090	1563.650
IC	30.000	80.000	110.000	44.280	91.180	10.560	40.000	0.000	186.020	296.020
<b>TOTAL</b>	<b>80.000</b>	<b>253.540</b>	<b>333.540</b>	<b>337.980</b>	<b>780.340</b>	<b>587.660</b>	<b>319.260</b>	<b>670.680</b>	<b>2695.920</b>	<b>3029.460</b>

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS HEIGHT = (AVERAGE HEIGHT IN FEET)

SEEDLINGS PER ACRE = 688.235	BASAL AREA PER ACRE = 178.204	GROSS GROWING 164.158
PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%	PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%	94.12%
PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%	PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%	64.71%
PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%	PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%	35.29%
PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%	PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%	23.53%
PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%	PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%	11.76%

DBH GROUPS:

<i>SPECIES</i>	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	21.250	0.000	21.250	0.000	101.500	0.000	0.000	221.275	207.778	202.667
SP	28.500	31.566	29.519	67.561	74.534	104.960	112.305	0.000	91.827	89.704
WF	21.750	52.144	48.920	68.774	82.304	105.455	118.445	143.000	94.170	88.713
IC	17.000	33.000	28.636	48.844	56.406	10.000	102.000	0.000	61.776	49.461
<b>TOTAL</b>	<b>20.688</b>	<b>45.699</b>	<b>39.700</b>	<b>65.860</b>	<b>80.212</b>	<b>103.624</b>	<b>114.468</b>	<b>216.522</b>	<b>121.484</b>	<b>112.479</b>

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**OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS**

EACH CELL CONTAINS AGEBAR = (BASAL AREA WEIGHTED AGE ... AVERAGE YEARS)

SEEDLINGS PER ACRE = 688.235	BASAL AREA PER ACRE = 178.204	GROSS 164.158	GROWING
PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%	PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%	94.12%	94.12%
PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%	PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%	64.71%	64.71%
PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%	PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%	35.29%	35.29%
PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%	PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%	23.53%	23.53%
PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%	PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%	11.76%	11.76%

**DBH GROUPS:**

<i>SPECIES</i>	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	0.000	0.000	0.000	0.000	78.000	0.000	0.000	308.000	243.115	243.115
SP	31.000	0.000	31.000	0.000	63.500	149.500	130.500	0.000	114.500	112.796
WF	0.000	69.000	69.000	64.500	71.667	103.400	140.000	158.000	91.680	90.264
IC	23.000	42.500	40.333	0.000	75.500	0.000	0.000	0.000	75.500	56.882
<b>TOTAL</b>	<b>25.667</b>	<b>51.333</b>	<b>48.481</b>	<b>64.500</b>	<b>72.000</b>	<b>116.571</b>	<b>133.667</b>	<b>282.998</b>	<b>130.812</b>	<b>122.513</b>

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OUTPUT FROM ALL TREES FOR SOFTWOODS FOR ALL POINTS

EACH CELL CONTAINS BA/A = (SQUARE FEET PER ACRE)

SEEDLINGS PER ACRE = 688.235	BASAL AREA PER ACRE = 178.204	GROSS 178.204	GROWING 164.158
PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%	PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%	94.12%	94.12%
PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%	PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%	70.59%	64.71%
PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%	PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%	41.18%	35.29%
PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%	PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%	29.41%	23.53%
PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%	PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%	11.76%	11.76%
	PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%	11.76%	11.76%

DBH GROUPS:

SPECIES	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	1.176	0.000	1.176	0.000	4.706	0.000	0.000	37.056	41.762	42.939
SP	0.588	0.293	0.881	4.958	6.108	8.065	5.861	0.000	24.991	25.872
WF	1.176	9.915	11.092	12.319	29.725	25.882	10.566	2.395	80.888	91.979
IC	1.765	4.706	6.471	2.605	5.364	0.621	2.353	0.000	10.942	17.413
<b>TOTAL</b>	<b>4.706</b>	<b>14.914</b>	<b>19.620</b>	<b>19.881</b>	<b>45.902</b>	<b>34.568</b>	<b>18.780</b>	<b>39.452</b>	<b>158.584</b>	<b>178.204</b>

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS NT/A = (NUMBER OF TREES PER ACRE)

SEEDLINGS PER ACRE = 688.235	BASAL AREA PER ACRE = 178.204	GROSS 164.158	GROWING
PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%	PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%	94.12%	
PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%	PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%	64.71%	
PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%	PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%	35.29%	
PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%	PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%	23.53%	
PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%	PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%	11.76%	
	PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%	11.76%	
	PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%	11.76%	

DBH GROUPS:

<i>SPECIES</i>	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	58.363	0.000	58.363	0.000	2.620	0.000	0.000	0.471	3.091	61.454
SP	7.450	0.706	8.156	6.783	3.927	2.079	1.092	0.000	13.881	22.037
WF	34.264	26.596	60.860	13.714	17.125	8.844	1.934	0.235	41.852	102.712
IC	40.968	15.716	56.685	3.087	3.291	0.235	0.333	0.000	6.946	63.631
<b>TOTAL</b>	<b>141.045</b>	<b>43.019</b>	<b>184.064</b>	<b>23.584</b>	<b>26.963</b>	<b>11.158</b>	<b>3.358</b>	<b>0.706</b>	<b>65.769</b>	<b>249.833</b>

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS BAG-10 = (10 YEAR GROWTH SQUARE FEET PER ACRE)

<p>SEEDLINGS PER ACRE = 688.235</p> <p>PERCENT GREATER THAN OR EQUAL TO 100 = 88.24%</p> <p>PERCENT GREATER THAN OR EQUAL TO 200 = 70.59%</p> <p>PERCENT GREATER THAN OR EQUAL TO 400 = 58.82%</p> <p>PERCENT GREATER THAN OR EQUAL TO 600 = 41.18%</p> <p>PERCENT GREATER THAN OR EQUAL TO 800 = 35.29%</p>	<p>BASAL AREA PER ACRE = 178.204</p> <p>PERCENT GREATER THAN OR EQUAL TO 50 = 94.12%</p> <p>PERCENT GREATER THAN OR EQUAL TO 100 = 70.59%</p> <p>PERCENT GREATER THAN OR EQUAL TO 150 = 41.18%</p> <p>PERCENT GREATER THAN OR EQUAL TO 200 = 29.41%</p> <p>PERCENT GREATER THAN OR EQUAL TO 250 = 11.76%</p> <p>PERCENT GREATER THAN OR EQUAL TO 300 = 11.76%</p> <p>PERCENT GREATER THAN OR EQUAL TO 400 = 11.76%</p>	<p>GROSS 178.204</p> <p>GROWING 164.158</p>
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DBH GROUPS:

SPECIES	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	0.000	0.000	0.000	0.000	0.938	0.000	0.000	1.429	2.367	2.367
SP	0.183	0.000	0.183	0.000	3.082	1.431	1.138	0.000	5.651	5.834
WF	0.000	2.048	2.048	1.513	9.148	3.151	0.461	0.625	14.898	16.945
IC	0.623	2.530	3.153	0.000	1.231	0.000	0.000	0.000	1.231	4.384
<b>TOTAL</b>	<b>0.806</b>	<b>4.578</b>	<b>5.384</b>	<b>1.513</b>	<b>14.399</b>	<b>4.582</b>	<b>1.599</b>	<b>2.054</b>	<b>24.147</b>	<b>29.531</b>

