

**SECOND ANNUAL REPORT**

**INTERMOUNTAIN FOREST TREE  
NUTRITION COOPERATIVE**

**By**

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**April 1, 1982**

## Summary

Forty-five fertilization test sites were established during the first year of the Intermountain Fertilization Cooperative. The location and a brief mensurational description of each installation is provided in this report. Soil and foliar nutrient chemical analyses have been completed for seven of the forty-five installations, and these preliminary tests indicate that nitrogen, copper and iron may be limiting on some of the stands analyzed thus far.

## Accomplishments in 1981

### Test sites established:

Forty-five installations were established during the first year of the Intermountain Fertilization Cooperative. Each installation consists of six square or rectangular plots at least 1/10th acre in size, some plots are 1/5th acre to include a sufficient number of individual sample trees. The plots within an installation were similar to one another in terrain, vegetation, stocking, tree size, and contained at least ten Douglas-fir sample trees, the species of interest the first year of the project. Two controls and four treatments were assigned to the plots at random, the treatments consisted of: 1) two plots with applications of 200 lb/acre actual nitrogen, 2) two plots with applications of 400 lb/acre of actual nitrogen, and 3) two control plots. The fact that treatments are replicated in each stand will allow within stand variation in treatment response to be estimated during the initial analysis phase of the project. Later, two of the treatment plots will be selected for retreatment. All fertilizer treatments were in the form of urea applied in the fall.

Legal descriptions, maps, directions, the locations of test plots within the stands have been provided to area managers for all installations located in their management areas, as well as for those located nearby on other cooperator lands. Appendix One in this report contains summary statistics for each plot and each installation by tree species for mensurational characteristics such as number of trees per plot and per acre, basal area per acre, and average diameter. The study plan for the cooperative specified that we were to sample second-growth, even-aged, managed stands of Douglas-fir 40 to 80 years old. Within this broad strata, we also wanted to sample a range of stand densities and site conditions. The 45 stands that were sampled represent a

good range of these conditions. Average stand age ranged between 38 and 85 years; basal area per acre ranged from 48 to 272 sq. ft., and average stand d.b.h. was between 6.3 and 15.3 inches. By design, Douglas-fir was by far the most common species sampled. Ponderosa pine was the second most common species followed by grand fir and western larch. Growth response of these additional tree species will also be analyzed and combined with future installations designed specifically to sample these species.

The forty-five installations were well distributed across the wide geographic area included within the cooperative. Each physiographic area, as defined in the study plan for the cooperative, received approximately an equal number of installations. The map included in Appendix Two of this report shows the approximate locations of the 45 test sites established in 1981. Also shown are four additional test sites installed in late 1980 and early 1981 under a separate contract with Boise Cascade Corporation. These installations are identical to the other 45 except for the number and type of treatments tested. Eight plots were included in each stand. Two controls and six treatments were assigned to the plots randomly, the treatments consisted of: 1) two plots with fall applications of 200 lb/acre actual nitrogen, 2) two plots with fall applications of 400 lb/acre actual nitrogen, 3) one plot with spring application of 200 lb/acre actual nitrogen, 4) one plot with spring application of 400 lb/acre of actual nitrogen, and 5) two controls. These four installations will become part of the cooperative's data base and provide some information on possible treatment differences due to season of application.

#### Data Collected

Data were collected as specified in the study for the Cooperative and included the following information:

1. Habitat type (or similar floristic classification).

2. Elevation, aspect, slope and topographic position.
3. Ten samples from the upper 10 inches of soil of each plot.
4. Species, crown class, defect, and d.b.h. for each tree greater than 2 inches d.b.h. on each plot.
5. Total height and crown ratio for each plot tree.
6. Breast - height ages of selected trees of the study species on each plot.
7. Height, divided into three classes, and percent cover for shrub species occurring on the plots.
8. Percent cover of forbs and grasses on each plot.

A soil profile description and collection of soil samples from each soil horizon in each stand is not scheduled until the second and third years of the project.

A minimum of two Douglas-fir trees were destructively sampled in the buffer areas around each plot. The current year's foliage from the top three whorls was removed from each tree and returned to the laboratory for chemical analysis. Other measurements on each destructively sampled tree included:

1. Total height and age (total and at d.b.h.).
2. Crown class.
3. Diameter inside and outside bark at nine locations along the main stem.
4. Radial growth for the past 10 year period at d.b.h., base of the live crown, and two locations within the live crown.
5. Height growth for each of the past ten years.
6. Crown ratio.
7. Crown dimensions at base of live crown and two locations within the live crown.
8. Defect type and location along the main stem (if any is observed).

### Preliminary Soil and Foliar Nutrient Analyses

Dr. Kurt Pregitzer completed a small pilot study to determine the variation in soil and foliar nutrient levels present in seven of the initial forty-five installations. Four of the seven installations sampled had foliar nitrogen levels at or below 1.00%, the supposed critical level for Douglas-fir. Idaho Batholith soils might generally be nitrogen deficient.

Copper and iron also appear as though they could be deficient under some circumstances as has been reported in British Columbia. Boron analyses have not been completed, but it deserves further attention since boron, copper and iron are the micronutrients potentially deficient in interior British Columbia. Also, boron is commonly deficient in agricultural soils of this region. Details of the pilot study and other nutrient analysis techniques will be presented at the annual meeting.

### Work Planned for 1982

An additional 45 Douglas-fir stands will be sampled in 1982 in the same manner and according to the same schedule as 1981. These activities will require all of the funds currently committed by cooperators. If additional funds become available, they would be directed toward the general area of nutrient analysis. This includes soil physical descriptions and post treatment foliar nutrient status for the 1981 installations and soil chemical analysis for 1982 stands.

During 1983 emphasis will shift from Douglas-fir to other species. The study plan currently specifies ponderosa pine and grand fir as target species for the third year of the project; however, some cooperators have indicated they would like to have western larch included in some areas. This change would certainly be possible and could be considered by the research council.

**Appendix One****Plot and Stand Summaries for Forty-Five Installations**

PLOT SUMMARY  
INSTALLATION 201

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOT SIZE (ACRE)
DF	1	15	9.43	150	94.28	10.57	
GF	1	1	0.36	10	3.55	8.07	
<b>TOTAL</b>	<b>1</b>	<b>16</b>	<b>9.78</b>	<b>160</b>	<b>97.84</b>	<b>10.41</b>	<b>0.100</b>
DF	2	11	5.47	110	54.71	9.41	
PP	2	5	1.73	50	17.26	7.73	
<b>TOTAL</b>	<b>2</b>	<b>16</b>	<b>7.20</b>	<b>160</b>	<b>71.96</b>	<b>9.87</b>	<b>0.100</b>
DF	3	16	8.12	160	81.21	9.59	
PP	3	2	0.78	20	7.51	9.46	
<b>TOTAL</b>	<b>3</b>	<b>18</b>	<b>8.90</b>	<b>180</b>	<b>89.01</b>	<b>9.47</b>	<b>0.100</b>
DF	4	25	13.38	250	133.82	9.67	
LP	4	1	0.47	10	4.66	9.24	
PP	4	4	0.67	40	6.58	5.32	
<b>TOTAL</b>	<b>4</b>	<b>30</b>	<b>14.52</b>	<b>300</b>	<b>145.16</b>	<b>9.08</b>	<b>0.100</b>
DF	5	23	13.03	230	130.29	9.99	
NL	5	2	1.18	20	11.85	10.38	
PP	5	1	0.39	10	3.89	8.45	
<b>TOTAL</b>	<b>5</b>	<b>26</b>	<b>14.60</b>	<b>260</b>	<b>146.03</b>	<b>9.96</b>	<b>0.100</b>
DF	6	16	7.26	160	72.65	9.00	
NL	6	1	0.08	10	0.79	3.81	
PP	6	14	5.79	140	57.91	8.44	
<b>TOTAL</b>	<b>6</b>	<b>31</b>	<b>13.13</b>	<b>310</b>	<b>131.34</b>	<b>8.53</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>137</b>	<b>66.13</b>	<b>228</b>	<b>113.56</b>	<b>9.37</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T16N, R4E, Sec 21, NE $\frac{1}{4}$ , NW $\frac{1}{4}$	Boise

PLOT SUMMARY  
INSTALLATION 232

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	12	4.56	120	45.54	8.19	
LP	1	4	1.69	40	16.39	8.63	
PP	1	3	1.55	30	15.53	9.67	
<b>TOTAL</b>	<b>1</b>	<b>19</b>	<b>7.80</b>	<b>190</b>	<b>78.01</b>	<b>8.52</b>	<b>0.100</b>
DF	2	23	6.93	230	69.34	7.22	
PP	2	1	0.16	10	1.60	5.42	
<b>TOTAL</b>	<b>2</b>	<b>24</b>	<b>7.09</b>	<b>240</b>	<b>70.94</b>	<b>7.15</b>	<b>0.100</b>
DF	3	20	6.80	200	68.04	7.74	
PP	3	3	0.90	30	9.96	7.29	
<b>TOTAL</b>	<b>3</b>	<b>23</b>	<b>7.70</b>	<b>230</b>	<b>77.30</b>	<b>7.68</b>	<b>0.100</b>
DF	4	12	5.43	120	54.27	9.01	
PP	4	4	1.54	40	15.41	8.27	
<b>TOTAL</b>	<b>4</b>	<b>16</b>	<b>6.97</b>	<b>160</b>	<b>69.68</b>	<b>8.83</b>	<b>0.100</b>
DF	5	13	4.16	130	41.59	7.63	
LP	5	1	0.24	10	2.43	6.67	
<b>TOTAL</b>	<b>5</b>	<b>14</b>	<b>4.40</b>	<b>140</b>	<b>44.01</b>	<b>7.56</b>	<b>0.100</b>
DF	6	12	5.75	120	57.53	9.30	
PP	6	1	0.44	10	4.39	8.97	
<b>TOTAL</b>	<b>6</b>	<b>13</b>	<b>6.19</b>	<b>130</b>	<b>61.42</b>	<b>9.29</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>109</b>	<b>40.16</b>	<b>182</b>	<b>66.93</b>	<b>8.05</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T13N, R5E, Sec 18, SW $\frac{1}{4}$ , NW $\frac{1}{4}$	Boise

PLOT SUMMARY  
INSTALLATION 203

SPECIES	PLUT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1 1	11 6	7.25 2.59	110 60	72.48 25.92	10.87 8.87	
TOTAL	1	17	9.84	170	99.40	10.17	0.100
DF GF	2 2	12 1	7.91 0.60	120 10	79.06 6.02	10.72 10.51	
TOTAL	2	13	8.51	130	85.09	10.71	0.100
DF GF WL	3 3 3	15 1 2	8.16 0.92 1.51	150 10 20	81.64 9.22 15.13	9.75 13.00 11.77	
TOTAL	3	18	10.60	180	105.00	10.16	0.100
DF GF PP	4 4 4	10 2 6	9.08 1.05 3.13	67 13 40	60.52 7.01 20.84	12.46 9.60 8.83	
TOTAL	4	18	13.26	120	89.37	10.94	0.150
DF GF	5 5	16 3	8.94 1.46	160 30	89.42 14.60	9.86 9.43	
TOTAL	5	19	10.40	190	104.02	9.79	0.100
DF PP	6 6	13 7	9.15 3.19	130 70	91.45 31.91	10.95 8.95	
TOTAL	6	20	12.34	200	123.36	10.25	0.100
GRAND TOTAL		105	64.94	162	99.91	10.31	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T16N, R4E, Sec 29, E $\frac{1}{4}$ , NE $\frac{1}{4}$	Boise

PLOT SUMMARY  
INSTALLATION 204

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	23	11.23	230	112.27	9.21	
GF	1	3	0.89	30	9.90	7.15	
<b>TOTAL</b>	<b>1</b>	<b>26</b>	<b>12.12</b>	<b>260</b>	<b>121.17</b>	<b>8.97</b>	<b>0.100</b>
DF	2	22	11.19	220	111.89	9.40	
GF	2	3	0.68	30	6.76	6.41	
<b>TOTAL</b>	<b>2</b>	<b>25</b>	<b>11.86</b>	<b>250</b>	<b>118.64</b>	<b>9.12</b>	<b>0.100</b>
DF	3	20	9.51	200	95.11	9.15	
GF	3	8	2.62	80	26.19	7.68	
<b>TOTAL</b>	<b>3</b>	<b>28</b>	<b>12.13</b>	<b>280</b>	<b>121.20</b>	<b>8.73</b>	<b>0.100</b>
DF	4	25	10.37	250	103.66	8.56	
<b>TOTAL</b>	<b>4</b>	<b>25</b>	<b>10.37</b>	<b>250</b>	<b>103.66</b>	<b>8.56</b>	<b>0.100</b>
DF	5	12	6.01	120	60.06	9.50	
GF	5	6	2.04	60	20.36	7.77	
<b>TOTAL</b>	<b>5</b>	<b>18</b>	<b>8.04</b>	<b>180</b>	<b>80.42</b>	<b>8.92</b>	<b>0.100</b>
DF	6	16	6.73	160	67.33	8.70	
GF	6	5	1.57	50	15.71	7.51	
<b>TOTAL</b>	<b>6</b>	<b>21</b>	<b>8.30</b>	<b>210</b>	<b>83.04</b>	<b>8.41</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>143</b>	<b>62.82</b>	<b>238</b>	<b>104.70</b>	<b>8.79</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T37N, R3E, Sec 4, SE $\frac{1}{4}$ , NE $\frac{1}{4}$	Boise

**PLOT SUMMARY**  
**INSTALLATION 205**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	17	9.35	170	93.49	9.91	
GF	1	6	3.16	60	31.55	9.67	
WC	1	1	1.83	10	18.34	18.34	
TOTAL	1	24	14.34	240	143.39	10.20	0.100
DF	2	18	10.44	180	104.41	10.20	
GF	2	4	1.62	40	16.24	8.43	
TOTAL	2	22	12.06	220	120.65	9.89	0.100
DF	3	15	9.30	150	92.99	10.57	
GF	3	3	1.19	30	11.85	8.32	
TOTAL	3	18	10.48	180	104.84	10.19	0.100
DF	4	18	6.81	180	68.07	8.21	
GF	4	3	1.23	30	12.30	8.62	
TOTAL	4	21	8.04	210	80.37	8.27	0.100
DF	5	19	8.72	190	87.23	9.09	
GF	5	6	2.59	60	25.94	8.58	
WL	5	1	0.44	10	4.37	8.95	
WP	5	1	0.36	10	3.61	8.14	
TOTAL	5	27	12.11	270	121.14	8.94	0.100
DF	6	16	5.89	160	58.89	7.89	
GF	6	2	0.88	20	8.79	8.95	
WL	6	2	0.79	20	7.94	8.49	
LP	6	3	1.50	30	14.97	9.41	
WP	6	1	0.24	10	2.43	6.67	
TOTAL	6	24	9.30	240	93.01	8.17	0.100
<b>GRAND TOTAL</b>		136	66.34	227	110.57	9.24	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T37N, R3E, Sec 4, E $\frac{1}{4}$ , SE $\frac{1}{4}$	Boise

PLOT SUMMARY  
INSTALLATION 206

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	13	9.93	130	99.26	11.53	
GF	1	1	0.16	10	1.62	5.45	
WC	1	5	1.26	50	12.56	6.50	
WL	1	3	2.85	30	29.53	13.14	
PP	1	1	0.46	10	4.57	9.15	
<b>TOTAL</b>	<b>1</b>	<b>23</b>	<b>14.65</b>	<b>230</b>	<b>146.54</b>	<b>10.23</b>	<b>0.100</b>
DF	2	17	11.08	170	110.81	10.71	
GF	2	3	0.78	30	7.85	6.75	
WL	2	1	0.07	10	0.68	3.54	
<b>TOTAL</b>	<b>2</b>	<b>21</b>	<b>11.93</b>	<b>210</b>	<b>119.34</b>	<b>9.87</b>	<b>0.100</b>
DF	3	18	11.70	180	117.03	10.55	
WL	3	1	0.71	10	7.14	11.44	
<b>TOTAL</b>	<b>3</b>	<b>19</b>	<b>12.42</b>	<b>190</b>	<b>124.16</b>	<b>10.60</b>	<b>0.100</b>
DF	4	21	14.87	210	148.73	11.12	
GF	4	9	3.56	90	35.55	8.42	
WC	4	6	1.38	60	13.78	6.34	
WL	4	1	0.90	10	9.05	12.88	
<b>TOTAL</b>	<b>4</b>	<b>37</b>	<b>20.71</b>	<b>370</b>	<b>207.12</b>	<b>9.74</b>	<b>0.100</b>
DF	5	21	13.00	210	130.02	10.25	
GF	5	6	0.88	60	9.83	5.01	
WC	5	3	1.30	30	12.93	8.18	
WL	5	1	0.60	10	6.05	10.53	
<b>TOTAL</b>	<b>5</b>	<b>31</b>	<b>15.79</b>	<b>310</b>	<b>157.88</b>	<b>9.04</b>	<b>0.100</b>
DF	6	13	9.40	130	93.96	11.43	
GF	6	7	2.30	70	22.05	7.70	
WC	6	1	0.45	10	4.47	9.05	
WL	6	3	2.71	30	27.12	12.81	
PP	6	1	0.92	10	9.19	12.98	
<b>TOTAL</b>	<b>6</b>	<b>25</b>	<b>15.77</b>	<b>250</b>	<b>157.69</b>	<b>10.52</b>	<b>0.100</b>
<b>GRANU TOTAL</b>		<b>136</b>	<b>91.27</b>	<b>260</b>	<b>152.12</b>	<b>9.92</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T34N, R4E, Sec 36, NW $\frac{1}{4}$ , NE $\frac{1}{4}$	Boise

## PLOT SUMMARY

## INSTALLATION 207

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	15	10.28	150	102.77	11.08	
WL	1	4	2.24	40	22.39	10.09	
PP	1	16	7.29	160	72.92	8.91	
TOTAL	1	35	19.81	350	190.07	9.98	0.100
DF	2	17	11.20	170	111.97	10.59	
WL	2	2	1.85	20	18.46	12.63	
PP	2	7	4.04	70	40.38	10.06	
TOTAL	2	26	17.08	260	170.81	10.60	0.100
DF	3	15	8.62	150	86.24	10.12	
PP	3	7	3.67	70	36.72	9.57	
TOTAL	3	22	12.30	220	122.97	9.95	0.100
DF	4	21	11.25	210	112.49	9.64	
PP	4	5	2.39	50	23.93	9.20	
TOTAL	4	26	13.64	260	136.42	9.55	0.100
DF	5	14	8.58	140	85.80	10.32	
GF	5	3	1.20	30	12.03	8.52	
PP	5	12	7.42	120	74.24	10.29	
TOTAL	5	29	17.21	290	172.07	10.12	0.100
DF	6	25	13.76	250	137.63	9.96	
PP	6	3	0.74	30	7.40	6.70	
TOTAL	6	28	14.50	230	145.03	9.52	0.100
GRAND TOTAL		166	94.54	277	157.56	9.95	

Ownership

Potlatch Corporation

Legal DescriptionT33N, R4W, Sec 10, SW $\frac{1}{4}$ , SE $\frac{1}{4}$ Meridian

Boise

## PLOT SUMMARY

## INSTALLATION 208

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	10	15.59	100	155.93	16.59	
TOTAL	1	10	15.59	100	155.93	16.59	0.100
DF	2	12	20.73	120	207.29	17.40	
TOTAL	2	12	20.73	120	207.29	17.40	0.100
DF PP	3	13 2	19.45 2.19	130 20	194.52 21.86	15.99 14.08	
TOTAL	3	15	21.64	150	216.38	15.74	0.100
DF	4	13	16.78	130	167.84	15.05	
TOTAL	4	13	16.78	130	167.84	15.05	0.100
DF PP	5	20 1	19.79 1.12	200 10	197.89 11.23	12.96 14.35	
TOTAL	5	21	20.91	210	209.12	13.03	0.100
DF SF	6	18 1	16.56 0.99	180 10	165.60 9.97	12.39 13.45	
TOTAL	6	19	17.55	190	175.47	12.44	0.100
GRAND TOTAL		90	113.20	150	188.67	14.63	

Ownership

Potlatch Corporation

Legal DescriptionT46N, R5W, Sec 25, SE $\frac{1}{4}$ , NE $\frac{1}{4}$ Meridian

Boise

PLOT SUMMARY  
INSTALLATION 209

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	B4/ ACRE	AVE CBH	PLOTSIZE (ACRE)
DF	1	17	18.26	170	182.60	13.78	
TOTAL	1	17	18.26	170	182.60	13.78	0.100
DF	2	15	12.17	150	121.74	11.94	
TOTAL	2	15	12.17	150	121.74	11.94	0.100
DF	3	19	12.43	190	124.31	13.79	
TOTAL	3	19	12.43	190	124.31	13.79	0.100
DF	4	23	15.08	230	150.82	13.81	
TOTAL	4	23	15.08	230	150.82	13.81	0.100
DF	5	21	16.00	210	159.99	11.66	
TOTAL	5	21	16.00	210	159.99	11.66	0.100
DF	6	12	11.26	120	112.61	12.96	
HL	6	2	0.72	20	7.18	8.10	
TOTAL	6	14	11.98	140	119.78	12.27	0.100
<b>GRAND TOTAL</b>		109	85.92	182	143.21	11.78	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T34N, R38E, Sec 27, W $\frac{1}{4}$ , NW $\frac{1}{4}$	Willamette

PLOT SUMMARY  
INSTALLATION 210

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1 1	20 7	10.65 2.63	200 70	106.51 26.33	9.45 7.46	
TOTAL	1	27	13.28	270	132.84	9.94	0.100
DF PP	2 2	24 10	12.65 4.24	240 100	125.46 42.37	9.34 8.63	
TOTAL	2	34	16.88	340	168.82	9.13	0.100
DF LP PP	3 3 3	18 1 7	11.01 3.57 3.05	180 10 70	110.09 5.73 30.54	9.91 10.25 9.73	
TOTAL	3	26	14.64	260	146.36	9.60	0.100
DF WL	4 4	21 1	13.01 0.29	210 10	130.10 2.91	10.31 7.30	
TOTAL	4	22	13.30	220	133.01	10.17	0.100
DF WL LP PP	5 5 5 5	23 1 4 1	11.68 0.34 1.68 0.46	230 10 40 10	115.85 3.45 16.84 4.57	9.09 7.95 8.55 8.15	
TOTAL	5	29	14.17	290	141.71	8.93	0.100
DF WL LP	6 6 6	23 1 1	13.16 0.43 0.38	230 10 10	131.56 4.30 3.81	9.85 8.82 8.36	
TOTAL	6	25	13.97	250	139.07	9.75	0.100
GRAND TOTAL		163	86.24	272	143.74	9.33	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Inland Empire Paper Company	T31N, R43E, Sec 26, NW $\frac{1}{4}$ , NW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 211

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	45	16.49	450	164.91	7.81	
PP	1	1	0.13	10	1.30	4.88	
TOTAL	1	46	16.62	460	166.20	7.75	0.100
DF	2	47	16.53	470	165.35	7.63	
WL	2	2	0.30	20	2.96	5.13	
TOTAL	2	49	16.83	490	168.30	7.49	0.100
DF	3	44	13.88	440	138.83	7.21	
PP	3	3	1.39	30	13.87	9.65	
TOTAL	3	47	15.27	470	152.70	7.30	0.100
DF	4	38	17.37	380	173.71	8.63	
LP	4	1	0.26	10	2.65	6.97	
WP	4	1	0.45	10	4.53	9.11	
PP	4	1	0.21	10	2.06	6.15	
TOTAL	4	41	18.29	410	182.94	8.54	0.100
DF	5	44	15.46	440	154.60	7.49	
GF	5	1	0.43	10	4.34	8.92	
PP	5	3	2.04	30	20.37	10.55	
TOTAL	5	48	17.93	480	179.30	7.71	0.100
DF	6	50	17.69	500	176.93	7.57	
LP	6	1	0.11	10	1.06	4.40	
PP	6	1	0.40	10	3.96	9.52	
TOTAL	6	52	18.19	520	181.94	7.52	0.100
GRAND TOTAL		283	103.14	472	171.90	7.70	

Ownership

Inland Empire Paper Company

Legal DescriptionT31N, R43E, Sec 20, SE $\frac{1}{4}$ , NE $\frac{1}{4}$ Meridian

Willamette

**PLCT SUMMARY**  
**INSTALLATION 212**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	B4 / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	19	7.10	190	70.98	8.15	
<b>TOTAL</b>	<b>1</b>	<b>19</b>	<b>7.10</b>	<b>190</b>	<b>70.98</b>	<b>8.15</b>	<b>0.100</b>
DF	2	21	8.83	210	88.35	8.59	
<b>TOTAL</b>	<b>2</b>	<b>21</b>	<b>8.83</b>	<b>210</b>	<b>88.35</b>	<b>8.52</b>	<b>0.100</b>
DF PP	3	16	9.04	160	90.44	9.93	
	3	2	0.73	20	7.29	8.02	
<b>TOTAL</b>	<b>3</b>	<b>18</b>	<b>9.77</b>	<b>180</b>	<b>97.72</b>	<b>9.72</b>	<b>0.100</b>
DF WL	4	18	8.23	180	82.26	8.84	
	4	1	0.38	10	3.78	8.33	
<b>TOTAL</b>	<b>4</b>	<b>19</b>	<b>8.60</b>	<b>190</b>	<b>86.04</b>	<b>8.82</b>	<b>0.100</b>
DF	5	22	7.23	220	72.26	7.50	
<b>TOTAL</b>	<b>5</b>	<b>22</b>	<b>7.23</b>	<b>220</b>	<b>72.26</b>	<b>7.56</b>	<b>0.100</b>
DF WL	6	18	6.56	190	65.56	8.03	
	6	1	0.75	10	7.48	11.71	
<b>TOTAL</b>	<b>6</b>	<b>19</b>	<b>7.30</b>	<b>190</b>	<b>73.04</b>	<b>8.22</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>118</b>	<b>48.84</b>	<b>197</b>	<b>81.40</b>	<b>8.47</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T1N, R4SE, Sec 5, NW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 213

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZ (ACRE)
DF	1	4	2.40	40	23.99	10.42	
GF	1	7	4.26	70	42.63	10.32	
WL	1	2	3.57	20	35.71	18.04	
ES	1	1	0.41	10	4.08	8.65	
TOTAL	1	14	10.64	140	106.41	11.33	0.100
DF	2	3	1.47	30	14.75	9.47	
GF	2	4	2.44	40	24.35	10.54	
WL	2	8	6.35	80	63.52	11.98	
ES	2	1	0.40	10	3.97	8.53	
TOTAL	2	16	10.66	160	106.59	10.93	0.100
DF	3	3	2.32	30	23.17	11.55	
GF	3	4	2.98	40	28.76	11.03	
WL	3	4	4.06	40	40.61	13.49	
TOTAL	3	11	9.25	110	92.54	12.07	0.100
DF	4	2	2.24	20	22.38	14.29	
GF	4	3	2.27	30	22.66	11.50	
WL	4	4	5.20	40	51.99	15.19	
ES	4	1	1.02	10	10.24	13.70	
TOTAL	4	10	10.73	100	107.20	13.75	0.100
DF	5	6	5.41	60	54.15	12.54	
GF	5	1	0.91	10	9.15	12.95	
WL	5	5	4.23	50	42.34	12.35	
ES	5	1	0.24	10	2.40	6.63	
TOTAL	5	13	10.80	130	108.03	12.05	0.100
DF	6	3	2.00	30	20.01	10.94	
GF	6	3	1.07	30	13.68	9.00	
WL	6	3	3.60	30	36.00	14.78	
TOTAL	6	9	6.67	90	66.69	11.24	0.100
GRAND TOTAL		73	58.75	122	97.92	11.80	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T2S, R3SE, Sec 3, SE $\frac{1}{4}$ , NE $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 214

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	21	6.22	210	62.21	7.13	
AL	1	1	0.33	10	3.34	7.82	
TOTAL	1	22	6.55	220	65.55	7.16	0.100
DF	2	16	8.61	160	86.14	9.75	
GF	2	1	0.22	10	2.22	6.33	
TOTAL	2	17	8.84	170	88.36	9.55	0.100
DF	3	26	11.20	260	112.02	9.64	
TOTAL	3	26	11.20	260	112.02	8.64	0.100
DF	4	14	8.55	140	85.47	10.30	
GF	4	1	0.46	10	4.63	9.21	
NC	4	1	0.34	10	3.44	7.94	
TOTAL	4	16	9.35	160	93.53	10.03	0.100
DF	5	19	9.72	190	97.19	9.58	
TOTAL	5	19	9.72	190	97.19	9.58	0.100
DF	6	21	9.23	210	92.30	9.85	
TOTAL	6	21	9.23	210	92.30	8.85	0.100
GRAND TOTAL		121	54.99	202	91.49	8.87	

Ownership

Boise Cascade Corporation

Legal DescriptionT39N, R37E, Sec 25, NW $\frac{1}{4}$ Meridian

Willamette

**PLOT SUMMARY**  
**INSTALLATION 215**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	18	6.45	180	64.53	7.84	
TOTAL	1	18	6.45	180	64.53	7.84	0.100
DF	2	22	6.99	220	69.91	7.51	
TOTAL	2	22	6.99	220	69.91	7.51	0.100
DF	3	14	5.77	140	57.74	8.63	
TOTAL	3	14	5.77	140	57.74	8.63	0.100
DF	4	24	8.94	240	89.41	8.14	
TOTAL	4	24	8.94	240	89.40	8.14	0.100
DF	5	26	9.03	260	90.33	7.85	
TOTAL	5	26	9.03	260	90.33	7.85	0.100
DF	6	24	6.67	240	66.75	7.08	
TOTAL	6	24	6.67	240	66.75	7.08	0.100
<b>GRAND TOTAL</b>		128	<b>43.87</b>	<b>213</b>	<b>73.11</b>	<b>7.70</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T39N, R37E, Sec 25, SE <sub>1</sub>	Willamette

**PLOT SUMMARY**  
**INSTALLATION 216**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	30	13.92	300	139.25	9.08	
PP	1	2	1.53	20	15.27	11.67	
<b>TOTAL</b>	<b>1</b>	<b>32</b>	<b>15.45</b>	<b>320</b>	<b>154.52</b>	<b>9.24</b>	<b>0.100</b>
DF	2	18	10.26	180	102.60	10.15	
WL	2	3	1.89	30	18.90	10.70	
PP	2	2	1.72	20	17.24	12.57	
<b>TOTAL</b>	<b>2</b>	<b>23</b>	<b>13.87</b>	<b>230</b>	<b>138.74</b>	<b>10.43</b>	<b>0.100</b>
DF	3	20	12.12	200	121.24	10.43	
PP	3	5	3.24	50	32.43	10.79	
<b>TOTAL</b>	<b>3</b>	<b>25</b>	<b>15.37</b>	<b>250</b>	<b>153.06</b>	<b>10.50</b>	<b>0.100</b>
DF	4	28	11.96	290	119.63	8.60	
WL	4	1	0.33	10	3.20	7.77	
PP	4	3	1.22	30	12.19	8.42	
<b>TOTAL</b>	<b>4</b>	<b>32</b>	<b>13.51</b>	<b>320</b>	<b>135.00</b>	<b>8.56</b>	<b>0.100</b>
DF	5	26	11.55	260	115.47	8.84	
WL	5	1	0.24	10	2.36	5.59	
<b>TOTAL</b>	<b>5</b>	<b>27</b>	<b>11.78</b>	<b>270</b>	<b>117.83</b>	<b>8.75</b>	<b>0.100</b>
DF	6	26	13.35	260	133.40	9.34	
WL	6	1	0.91	10	9.09	12.91	
PP	6	2	1.48	20	14.83	11.46	
<b>TOTAL</b>	<b>6</b>	<b>29</b>	<b>15.74</b>	<b>290</b>	<b>157.41</b>	<b>9.61</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>168</b>	<b>85.73</b>	<b>280</b>	<b>142.00</b>	<b>9.45</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T32N, R38E, Sec 28, SW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 217

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZ (ACRE)
DF	1	26	11.13	260	111.31	8.65	
WL	1	1	0.45	10	4.48	9.06	
TOTAL	1	27	11.58	270	115.79	8.67	0.100
DF	2	23	10.85	230	108.46	9.11	
WL	2	3	0.92	30	9.19	7.49	
TOTAL	2	26	11.76	260	117.65	8.92	0.100
DF	3	12	10.53	120	105.29	12.38	
TOTAL	3	12	10.53	120	105.29	12.38	0.100
DF	4	23	12.12	230	121.25	9.65	
TOTAL	4	23	12.12	230	121.25	9.65	0.100
DF	5	25	14.29	250	142.83	8.89	
TOTAL	5	25	14.29	250	142.83	8.89	0.100
DF	6	17	7.27	170	72.67	11.47	
WL	6	1	0.49	10	4.91	9.91	
TOTAL	6	18	7.76	180	77.00	10.71	0.100
GRAND TOTAL		131	68.05	218	113.41	9.47	

Ownership

Boise Cascade Corporation

Legal DescriptionT39N, R33E, Sec 29, SW $\frac{1}{4}$ Meridian

Willamette

## PLOT SUMMARY

## INSTALLATION 218

SPECIES	PLOT	NUMBER	SASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZ (ACRE)
DF	1	14	8.91	140	88.08	10.46	
WL	1	1	0.41	10	4.08	8.65	
<b>TOTAL</b>	<b>1</b>	<b>15</b>	<b>9.22</b>	<b>150</b>	<b>92.16</b>	<b>10.34</b>	<b>0.100</b>
DF	2	17	10.27	170	102.72	10.41	
<b>TOTAL</b>	<b>2</b>	<b>17</b>	<b>10.27</b>	<b>170</b>	<b>102.72</b>	<b>10.41</b>	<b>0.100</b>
DF	3	17	9.20	170	91.98	9.82	
<b>TOTAL</b>	<b>3</b>	<b>17</b>	<b>9.20</b>	<b>170</b>	<b>91.98</b>	<b>9.82</b>	<b>0.100</b>
DF	4	13	8.74	130	87.39	10.05	
<b>TOTAL</b>	<b>4</b>	<b>13</b>	<b>8.74</b>	<b>130</b>	<b>87.39</b>	<b>10.05</b>	<b>0.100</b>
DF	5	12	7.98	120	79.78	10.89	
<b>TOTAL</b>	<b>5</b>	<b>12</b>	<b>7.98</b>	<b>120</b>	<b>79.78</b>	<b>10.89</b>	<b>0.100</b>
DF	6	16	10.56	160	105.63	10.78	
WL	6	1	0.53	10	5.32	9.89	
<b>TOTAL</b>	<b>6</b>	<b>17</b>	<b>11.10</b>	<b>170</b>	<b>110.95</b>	<b>10.73</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>91</b>	<b>56.50</b>	<b>152</b>	<b>94.16</b>	<b>10.49</b>	

Ownership

Boise Cascade Corporation

Legal DescriptionT39N, R34E, Sec 13, SW $\frac{1}{4}$ Meridian

Willamette

PLOT SUMMARY  
INSTALLATION 219

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	16	10.93	160	109.33	10.84	
PP	1	7	2.82	70	28.25	8.40	
TOTAL	1	23	13.76	230	137.58	10.17	0.100
DF	2	14	9.68	140	96.78	11.03	
PP	2	3	1.29	30	12.86	8.84	
TOTAL	2	17	10.96	170	109.64	10.64	0.100
DF	3	28	13.48	280	134.77	9.25	
PP	3	1	0.79	10	7.93	12.05	
TOTAL	3	29	14.27	290	142.70	9.34	0.100
DF	4	11	5.97	110	59.72	5.89	
PP	4	16	7.73	160	77.35	9.14	
TOTAL	4	27	13.71	270	137.07	9.45	0.100
DF	5	19	8.06	190	80.63	9.51	
PP	5	3	1.61	30	16.14	9.72	
TOTAL	5	22	9.68	220	96.78	8.67	0.100
DF	6	15	9.44	150	94.44	10.33	
PP	6	12	4.64	120	46.41	9.16	
TOTAL	6	27	14.09	270	140.85	9.37	0.100
GRAND TOTAL		145	76.46	242	127.44	9.54	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T18N, R1E, Sec 13	Boise

PLOT SUMMARY  
INSTALLATION 220

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	RA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	32	10.58	320	105.76	7.52	
LP	1	1	0.34	10	3.39	7.88	
PP	1	1	0.14	10	1.44	5.14	
<b>TOTAL</b>	<b>1</b>	<b>34</b>	<b>11.06</b>	<b>340</b>	<b>110.58</b>	<b>7.46</b>	<b>0.100</b>
DF	2	24	10.41	240	104.09	8.57	
<b>TOTAL</b>	<b>2</b>	<b>24</b>	<b>10.41</b>	<b>240</b>	<b>104.09</b>	<b>8.57</b>	<b>0.100</b>
DF	3	25	7.82	250	78.16	7.32	
PP	3	4	0.30	40	2.99	3.66	
<b>TOTAL</b>	<b>3</b>	<b>29</b>	<b>8.12</b>	<b>290</b>	<b>81.15</b>	<b>6.82</b>	<b>0.100</b>
DF	4	17	7.72	170	77.23	8.71	
GF	4	1	0.27	10	2.71	7.05	
PP	4	1	0.50	10	5.00	9.57	
<b>TOTAL</b>	<b>4</b>	<b>19</b>	<b>8.49</b>	<b>190</b>	<b>84.93</b>	<b>8.67</b>	<b>0.100</b>
DF	5	19	7.39	190	73.93	8.29	
GF	5	10	4.32	100	43.16	8.75	
WL	5	2	0.87	20	8.67	8.73	
<b>TOTAL</b>	<b>5</b>	<b>31</b>	<b>12.57</b>	<b>310</b>	<b>125.75</b>	<b>8.46</b>	<b>0.100</b>
DF	6	23	11.77	230	117.74	9.39	
<b>TOTAL</b>	<b>6</b>	<b>23</b>	<b>11.77</b>	<b>230</b>	<b>117.74</b>	<b>9.39</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>160</b>	<b>62.43</b>	<b>267</b>	<b>104.04</b>	<b>8.12</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T16N, R4E, Sec 36, N <sub>1</sub> , NE <sub>1</sub>	Boise

**PLCT SUMMARY**  
**INSTALLATION 221**

SPECIES	PLCT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	13	9.79	130	97.89	11.33	
GF	1	4	1.00	40	10.01	6.29	
WL	1	3	1.93	30	19.27	10.56	
LP	1	1	0.81	10	9.05	12.15	
PP	1	1	1.06	10	10.57	13.92	
ES	1	1	0.42	10	4.22	8.80	
<b>TOTAL</b>	<b>1</b>	<b>23</b>	<b>15.00</b>	<b>230</b>	<b>150.01</b>	<b>10.30</b>	<b>0.100</b>
DF	2	16	9.29	160	92.89	9.82	
PP	2	1	0.21	10	2.06	6.15	
<b>TOTAL</b>	<b>2</b>	<b>17</b>	<b>9.49</b>	<b>170</b>	<b>94.95</b>	<b>9.60</b>	<b>0.100</b>
DF	3	18	9.35	180	93.47	9.40	
PP	3	3	1.12	30	11.20	8.05	
<b>TOTAL</b>	<b>3</b>	<b>21</b>	<b>10.47</b>	<b>210</b>	<b>104.67</b>	<b>9.21</b>	<b>0.100</b>
DF	4	15	11.17	150	111.67	11.35	
PP	4	2	0.49	20	4.90	6.58	
<b>TOTAL</b>	<b>4</b>	<b>17</b>	<b>11.66</b>	<b>170</b>	<b>110.58</b>	<b>10.79</b>	<b>0.100</b>
DF	5	15	14.24	150	142.42	12.71	
PP	5	1	0.70	10	7.00	11.33	
<b>TOTAL</b>	<b>5</b>	<b>16</b>	<b>14.94</b>	<b>160</b>	<b>149.43</b>	<b>12.62</b>	<b>0.100</b>
DF	6	13	8.41	130	84.15	10.59	
PP	6	1	0.90	10	8.99	12.84	
<b>TOTAL</b>	<b>6</b>	<b>14</b>	<b>9.31</b>	<b>140</b>	<b>93.14</b>	<b>10.75</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>108</b>	<b>70.88</b>	<b>180</b>	<b>118.13</b>	<b>10.48</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T20N, R1E, Sec 33, W $\frac{1}{4}$	Boise

**PLOT SUMMARY**  
**INSTALLATION 222**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1 1	53 5	14.93 0.94	530 50	149.26 9.38	7.02 5.76	
<b>TOTAL</b>	<b>1</b>	<b>58</b>	<b>15.86</b>	<b>580</b>	<b>158.64</b>	<b>6.91</b>	<b>0.100</b>
DF PP	2 2	35 3	10.77 1.11	350 30	107.65 11.14	7.26 8.07	
<b>TOTAL</b>	<b>2</b>	<b>38</b>	<b>11.98</b>	<b>380</b>	<b>118.79</b>	<b>7.32</b>	<b>0.100</b>
DF	3	25	11.97	250	119.70	9.19	
<b>TOTAL</b>	<b>3</b>	<b>25</b>	<b>11.97</b>	<b>250</b>	<b>119.70</b>	<b>9.19</b>	<b>0.100</b>
DF GF PP	4 4 4	24 1 3	11.59 0.08 1.83	240 10 30	118.88 0.80 18.30	9.06 3.82 10.36	
<b>TOTAL</b>	<b>4</b>	<b>28</b>	<b>13.93</b>	<b>280</b>	<b>137.97</b>	<b>9.01</b>	<b>0.100</b>
DF PP	5 5	34 6	14.44 2.37	340 60	144.38 23.69	8.56 8.30	
<b>TOTAL</b>	<b>5</b>	<b>40</b>	<b>16.81</b>	<b>400</b>	<b>168.07</b>	<b>8.52</b>	<b>0.100</b>
DF PP	6 6	20 4	10.91 1.62	200 40	109.15 16.17	9.39 8.27	
<b>TOTAL</b>	<b>6</b>	<b>24</b>	<b>12.53</b>	<b>240</b>	<b>125.32</b>	<b>9.20</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>213</b>	<b>82.95</b>	<b>355</b>	<b>138.08</b>	<b>8.04</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T18N, R3W, Sec 36, SW $\frac{1}{4}$	Boise

PLCT SUMMARY  
INSTALLATION 223

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1	25	10.65	250	106.55	3.41	
	1	1	0.13	10	1.31	4.90	
TOTAL	1	26	10.79	260	107.86	8.29	0.100
DF PP	2	24	8.66	240	86.58	7.88	
	2	1	0.47	10	4.71	9.29	
TOTAL	2	25	9.13	250	91.29	7.04	0.100
DF PP	3	19	8.12	190	81.18	8.43	
	3	6	3.42	60	34.20	7.93	
TOTAL	3	25	11.54	250	115.39	9.80	0.100
DF PP	4	18	7.94	180	79.44	8.68	
	4	7	3.83	70	38.27	9.27	
TOTAL	4	25	11.77	250	117.71	8.84	0.100
DF PP	5	17	12.87	170	128.73	11.43	
	5	1	0.79	10	7.85	12.00	
TOTAL	5	18	13.66	180	136.58	11.46	0.100
DF PP	6	14	9.32	140	93.23	10.61	
	6	2	0.55	20	5.49	6.92	
TOTAL	6	16	9.87	160	98.72	10.15	0.100
GRAND TOTAL		135	66.75	225	111.26	9.06	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Idaho Department of Lands	T18N, R3W, Sec 36, NE $\frac{1}{4}$	Boise

## PLOT SUMMARY

## INSTALLATION 224

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	12	21.37	60	106.84	17.60	
GF	1	6	3.52	30	17.61	9.94	
TOTAL	1	18	24.89	90	124.45	15.05	0.200
DF	2	15	27.09	75	135.46	17.10	
GF	2	11	4.26	55	21.28	8.10	
TOTAL	2	26	31.35	130	156.74	13.29	0.200
DF	3	17	27.20	85	135.98	16.02	
GF	3	1	0.33	5	1.67	7.83	
TOTAL	3	18	27.53	90	137.66	15.57	0.200
DF	4	18	30.53	90	153.13	16.55	
GF	4	2	0.69	10	3.43	7.93	
TOTAL	4	20	31.31	100	156.57	15.64	0.200
DF	5	19	35.76	95	178.82	17.60	
GF	5	5	1.91	25	7.54	8.05	
TOTAL	5	24	37.67	120	188.35	15.61	0.200
DF	6	12	32.47	60	162.33	21.25	
GF	6	4	1.06	20	5.28	6.83	
TOTAL	6	16	33.52	80	167.61	17.64	0.200
GRAND TOTAL		122	186.28	102	155.23	15.31	

OwnershipLegal DescriptionMeridian

Boise Cascade Corporation

T6N, R15E, Sec 20, NW<sub>1/4</sub>

Willamette

PLOT SUMMARY  
INSTALLATION 225

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	15	8.77	150	87.65	9.90	
TOTAL	1	15	8.77	150	87.65	9.90	0.100
DF	2	16	8.97	160	89.69	9.90	
TOTAL	2	16	8.97	160	89.69	9.90	0.100
DF	3	15	9.90	150	98.02	10.70	
TOTAL	3	15	9.80	150	98.02	10.70	0.100
DF	4	15	10.76	150	107.59	11.12	
PP	4	1	0.37	10	3.70	8.24	
TOTAL	4	16	11.13	160	111.30	10.94	0.100
DF	5	18	15.67	180	156.68	12.36	
TOTAL	5	18	15.67	180	156.68	12.36	0.100
DF	6	16	11.42	160	114.19	11.23	
TOTAL	6	16	11.42	160	114.19	11.23	0.100
<b>GRAND TOTAL</b>		96	65.75	160	104.59	10.88	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	TSN, R1SE, Sec 18, NW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 226

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOT SIZE (ACRE)
DF	1	13	10.18	130	101.76	11.80	
TOTAL	1	13	10.18	130	101.76	11.80	0.100
DF	2	12	8.78	120	87.75	11.54	
TOTAL	2	12	8.78	120	87.75	11.54	0.100
DF	3	13	7.13	130	71.34	9.83	
TOTAL	3	13	7.13	130	71.34	9.83	0.100
DF PP	4	13	7.90	130	78.99	10.33	
	4	2	0.25	20	2.54	4.81	
TOTAL	4	15	8.15	150	81.54	9.59	0.100
DF	5	13	9.51	130	95.12	11.19	
TOTAL	5	13	9.51	130	95.12	11.19	0.100
DF PP	6	12	8.89	120	88.92	11.58	
	6	1	0.22	10	2.19	6.34	
TOTAL	6	13	9.11	130	91.11	11.18	0.100
GRAND TOTAL		79	52.86	132	88.10	10.81	

Ownership

Boise Cascade Corporation

Legal DescriptionT16N, R15E, Sec 16, E $\frac{1}{4}$ Meridian

Willamette

## PLOT SUMMARY

## INSTALLATION 227

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	12	10.32	120	103.19	12.39	
TOTAL	1	12	10.32	120	103.19	12.39	0.100
DF	2	11	11.20	110	112.03	13.49	
TOTAL	2	11	11.20	110	112.03	13.49	0.100
DF	3	11	9.23	110	82.31	11.62	
PP	3	1	0.56	10	5.62	10.15	
TOTAL	3	12	8.79	120	87.93	11.50	0.100
DF	4	15	12.80	150	127.97	12.36	
PP	4	1	0.68	10	6.82	11.18	
TOTAL	4	16	13.48	160	134.79	12.29	0.100
DF	5	11	7.28	110	72.83	10.97	
TOTAL	5	11	7.28	110	72.83	10.97	0.100
DF	6	12	9.86	120	98.56	12.25	
TOTAL	6	12	9.86	120	98.56	12.25	0.100
GRAND TOTAL		74	60.93	123	101.55	12.15	

Ownership

Boise Cascade Corporation

Legal DescriptionT16N, R15E, Sec 20, E $\frac{1}{4}$ Meridian

Willamette

PLOT SUMMARY  
INSTALLATION 228

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BAS/ACRE	AVE DBH	PLCTSIZ (ACRE)
DF	1	14	12.41	140	124.11	12.62	
TOTAL	1	14	12.41	140	124.11	12.62	0.100
DF PP	2	15	12.84	150	128.42	12.23	
	2	1	0.78	10	7.70	11.95	
TOTAL	2	16	13.62	160	136.21	12.21	0.100
DF PP	3	13	11.43	130	114.26	12.57	
	3	8	5.03	80	50.31	10.62	
TOTAL	3	21	16.46	210	164.57	11.82	0.100
DF PP	4	23	11.55	230	115.51	9.37	
	4	3	1.35	30	13.51	8.93	
TOTAL	4	26	12.90	260	129.01	9.32	0.100
DF PP	5	19	11.00	190	110.01	10.14	
	5	3	2.11	30	21.15	11.30	
TOTAL	5	22	13.12	220	131.16	10.30	0.100
DF	6	28	15.75	280	157.62	9.61	
TOTAL	6	28	15.76	280	157.62	9.61	0.100
<b>GRAND TOTAL</b>		127	84.27	212	140.45	10.70	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Washington Department of Natural Resources	T20N, R16E, Sec 36, SW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 229

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	12	12.48	120	126.84	13.78	
PP	1	1	0.49	10	4.86	9.44	
<b>TOTAL</b>	<b>1</b>	<b>13</b>	<b>13.17</b>	<b>130</b>	<b>131.71</b>	<b>13.44</b>	<b>0.100</b>
DF	2	10	12.94	100	129.40	15.24	
<b>TOTAL</b>	<b>2</b>	<b>10</b>	<b>12.94</b>	<b>100</b>	<b>129.40</b>	<b>15.24</b>	<b>0.100</b>
DF	3	11	15.89	110	158.86	16.15	
<b>TOTAL</b>	<b>3</b>	<b>11</b>	<b>15.89</b>	<b>110</b>	<b>158.86</b>	<b>16.15</b>	<b>0.100</b>
DF	4	12	12.98	120	129.80	13.87	
<b>TOTAL</b>	<b>4</b>	<b>12</b>	<b>12.98</b>	<b>120</b>	<b>129.80</b>	<b>13.87</b>	<b>0.100</b>
DF	5	12	12.21	120	122.08	13.58	
<b>TOTAL</b>	<b>5</b>	<b>12</b>	<b>12.21</b>	<b>120</b>	<b>122.08</b>	<b>13.58</b>	<b>0.100</b>
DF	6	10	10.78	100	107.84	13.91	
<b>TOTAL</b>	<b>6</b>	<b>10</b>	<b>10.78</b>	<b>100</b>	<b>107.84</b>	<b>13.91</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>58</b>	<b>77.97</b>	<b>113</b>	<b>129.95</b>	<b>14.32</b>	

Ownership

Boise Cascade Corporation

Legal DescriptionT20N, R17E, Sec 31, SW $\frac{1}{4}$ Meridian

Willamette

PLOT SUMMARY  
INSTALLATION 230

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	10	10.05	100	100.51	13.13	
GF	1	2	0.69	20	6.91	7.87	
PP	1	2	1.80	20	18.01	12.50	
<b>TOTAL</b>	<b>1</b>	<b>14</b>	<b>12.54</b>	<b>140</b>	<b>125.43</b>	<b>12.29</b>	<b>0.100</b>
DF	2	14	10.65	140	105.47	11.40	
LP	2	1	3.67	10	6.72	11.10	
PP	2	1	0.53	10	5.29	9.85	
<b>TOTAL</b>	<b>2</b>	<b>16</b>	<b>11.35</b>	<b>160</b>	<b>118.48</b>	<b>11.28</b>	<b>0.100</b>
DF	3	13	11.38	130	110.82	12.03	
PP	3	2	0.81	20	9.07	8.59	
<b>TOTAL</b>	<b>3</b>	<b>15</b>	<b>11.89</b>	<b>150</b>	<b>118.89</b>	<b>11.61</b>	<b>0.100</b>
DF	4	15	23.52	75	117.59	16.25	
PP	4	8	4.81	40	24.07	9.50	
<b>TOTAL</b>	<b>4</b>	<b>23</b>	<b>28.33</b>	<b>115</b>	<b>141.67</b>	<b>13.90</b>	<b>0.200</b>
DF	5	16	20.82	80	104.11	14.50	
GF	5	1	0.15	5	0.75	5.26	
PP	5	6	4.76	30	23.81	11.51	
<b>TOTAL</b>	<b>5</b>	<b>23</b>	<b>25.73</b>	<b>115</b>	<b>128.67</b>	<b>13.32</b>	<b>0.200</b>
DF	6	15	21.31	75	106.57	15.78	
GF	6	3	1.55	15	7.76	9.73	
<b>TOTAL</b>	<b>6</b>	<b>18</b>	<b>22.87</b>	<b>90</b>	<b>114.33</b>	<b>14.77</b>	<b>0.200</b>
<b>GRAND TOTAL</b>		<b>109</b>	<b>113.21</b>	<b>121</b>	<b>125.79</b>	<b>13.07</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Boise Cascade Corporation	T21N, R15E, Sec 20	Willamette

## PLOT SUMMARY

## INSTALLATION 231

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1	16 3	10.54 1.24	160 30	105.37 12.42	10.83 8.63	
TOTAL	1	19	11.78	190	117.81	10.48	0.100
DF PP	2	18	9.16	180	91.65	9.30	
TOTAL	2	18	9.16	180	91.65	9.39	0.100
DF PP	3	18 2	10.96 0.70	180 20	109.63 7.00	10.30 7.81	
TOTAL	3	20	11.66	200	116.60	10.05	0.100
DF PP	4	12 1	6.81 0.37	120 10	68.09 3.69	9.86 8.23	
TOTAL	4	13	7.18	130	71.79	9.73	0.100
DF PP	5	14 2	8.33 0.70	140 20	83.32 6.95	10.27 7.82	
TOTAL	5	16	9.03	160	90.27	9.97	0.100
DF NL	6	14 1	9.34 0.37	140 10	93.45 3.68	10.79 3.52	
TOTAL	6	15	9.41	150	94.12	10.30	0.100
GRAND TOTAL		101	58.22	160	97.04	10.00	

OwnershipLegal DescriptionMeridianFlathead Indian Reservation  
(Bureau of Indian Affairs)T23N, R22W, Sec 30, SW $\frac{1}{4}$ 

Principal

## PLOT SUMMARY

## INSTALLATION 232

SPECIES	PLCT	NUMBER	RASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1	15 3	10.17 1.19	150 30	101.65 11.89	10.91 8.46	
TOTAL	1	18	11.35	180	113.54	10.50	0.100
JF WL	2	16 2	12.83 2.03	160 20	128.27 20.31	11.93 13.53	
TOTAL	2	18	14.86	180	148.58	12.08	0.100
DF PP	3	18 5	12.66 2.54	180 50	126.58 25.41	11.21 9.54	
TOTAL	3	23	15.20	230	151.99	10.95	0.100
DF WL PP	4	13 2 3	9.73 2.25 1.62	130 20 30	97.31 22.55 16.22	11.41 14.37 9.88	
TOTAL	4	18	13.61	190	136.08	11.42	0.100
DF PP	5	19 1	12.95 0.56	190 10	129.53 5.61	11.03 10.14	
TOTAL	5	20	13.51	200	135.11	10.93	0.100
DF WL	6	18 3	12.44 1.65	180 30	124.39 16.48	11.05 9.59	
TOTAL	6	21	14.09	210	140.87	10.90	0.100
GRAND TOTAL		118	82.62	197	137.73	11.11	

OwnershipLegal DescriptionMeridian

Flathead Indian Reservation  
(Bureau of Indian Affairs) T23N, R21W, Sec 12, NE $\frac{1}{4}$

Principal

PLOT SUMMARY  
INSTALLATION 233

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	16	13.67	160	136.68	12.44	
TOTAL	1	16	13.67	160	136.68	12.44	0.100
DF PP	2	15	10.35	150	103.52	11.09	
	2	3	2.19	30	21.86	11.50	
TOTAL	2	18	12.54	180	125.37	11.15	0.100
DF WL	3	19	15.66	190	156.64	12.21	
	3	4	2.53	40	25.28	10.44	
TOTAL	3	23	18.19	230	181.92	11.90	0.100
DF	4	15	13.67	150	136.66	12.80	
TOTAL	4	15	13.67	150	136.66	12.80	0.100
DF	5	16	14.94	160	149.43	12.94	
TOTAL	5	16	14.94	160	149.43	12.94	0.100
DF PP	6	15	12.79	150	127.74	12.35	
	6	1	1.27	10	12.70	15.25	
TOTAL	6	16	14.06	160	140.64	12.54	0.100
<b>GRAND TOTAL</b>		104	87.07	173	145.12	12.24	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Flathead Indian Reservation (Bureau of Indian Affairs)	T23N, R19W, Sec 33, SW $\frac{1}{4}$	Principal

**PLOT SUMMARY**  
**INSTALLATION 234**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1 1	16 5	9.47 4.53	160 50	94.71 45.32	13.24 12.62	
TOTAL	1	21	14.00	210	140.03	10.80	0.100
DF GF WL PP	2 2 2 2	13 1 4 2	9.16 0.81 1.72 2.03	130 10 40 20	91.61 8.08 17.20 20.32	11.20 12.17 3.84 13.52	
TOTAL	2	20	13.72	200	137.21	11.00	0.100
DF WL PP	3 3 3	11 3 2	7.40 1.31 1.27	110 30 20	73.98 13.05 12.70	11.00 8.93 10.79	
TOTAL	3	16	9.97	160	99.73	10.58	0.100
DF WL PP	4 4 4	13 1 2	10.08 0.58 1.38	130 10 20	100.82 5.76 13.80	11.85 10.28 11.18	
TOTAL	4	16	12.04	160	120.38	11.67	0.100
DF PP	5 5	15 1	13.23 1.81	150 10	132.32 18.07	12.53 10.20	
TOTAL	5	16	15.04	160	150.38	12.88	0.100
DF PP	6 6	13 4	11.28 2.85	130 40	112.82 28.51	12.47 11.24	
TOTAL	5	17	14.13	170	141.33	12.18	0.100
<b>GRAND TOTAL</b>		106	78.91	177	131.51	11.47	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Flathead Indian Reservation (Bureau of Indian Affairs)	T21N, R19W, Sec 5, N $\frac{1}{4}$	Principal

**PLCT SUMMARY**  
**INSTALLATION 235**

SPECIES	PLCT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	20	8.48	200	84.76	8.73	
PP	1	2	0.20	20	2.03	4.31	
TOTAL	1	22	9.68	220	86.79	8.33	0.100
DF	2	16	7.17	160	71.66	8.84	
PP	2	11	4.24	110	42.40	8.14	
TOTAL	2	27	11.41	270	114.06	8.57	0.100
DF	3	19	9.23	190	92.34	9.29	
PP	3	9	1.44	90	14.42	5.26	
TOTAL	3	28	10.68	280	106.76	9.00	0.100
DF	4	24	7.73	240	77.31	7.50	
WL	4	1	0.19	10	1.86	5.84	
PP	4	13	3.09	130	30.88	6.35	
TOTAL	4	38	11.00	380	110.05	7.06	0.100
DF	5	29	9.64	290	96.38	7.65	
PP	5	10	1.93	100	19.34	5.76	
TOTAL	5	39	11.57	390	115.71	7.17	0.100
DF	6	36	11.35	360	113.48	7.45	
LP	6	1	0.62	10	6.21	10.67	
PP	6	4	0.91	40	9.11	6.29	
TOTAL	6	41	12.88	410	128.79	7.42	0.100
<b>GRAND TOTAL</b>		<b>195</b>	<b>66.22</b>	<b>325</b>	<b>110.36</b>	<b>7.64</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Champion Timberlands	T14N, R24W, Sec 5,6	Principal

PLOT SUMMARY  
INSTALLATION 236

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF PP	1	22	13.03 0.46	220 20	150.32 4.55	10.11 6.40	
TOTAL	1	24	13.49	240	134.90	9.80	0.100
DF PP	2	26	16.58 0.54	260 10	166.78 5.38	10.43 9.93	
TOTAL	2	27	17.22	270	172.15	10.42	0.100
DF PP	3	21	14.81 2.51	210 30	149.13 25.11	10.80 11.67	
TOTAL	3	24	17.32	240	173.23	10.91	0.100
DF PP	4	37	18.63 0.40	370 10	186.34 3.96	9.09 9.52	
TOTAL	4	38	19.03	380	190.30	9.03	0.100
DF	5	31	15.02	310	150.16	9.14	
TOTAL	5	31	15.02	310	150.16	9.14	0.100
DF PP	6	33	17.92 1.12	330 20	179.25 11.20	9.52 10.13	
TOTAL	6	35	19.05	350	190.45	9.53	0.100
GRAND TOTAL		179	101.12	298	169.53	9.72	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Champion Timberlands	T13N, R18W, Sec 20	Principal

PLOT SUMMARY  
INSTALLATION 237

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	19	14.55	190	145.47	11.10	
PP	1	4	2.35	40	23.52	10.36	
<b>TOTAL</b>	<b>1</b>	<b>23</b>	<b>16.90</b>	<b>230</b>	<b>148.99</b>	<b>10.97</b>	<b>0.100</b>
DF	2	17	13.95	170	139.50	11.40	
PP	2	1	0.29	10	2.91	7.31	
<b>TOTAL</b>	<b>2</b>	<b>18</b>	<b>14.24</b>	<b>180</b>	<b>142.41</b>	<b>11.26</b>	<b>0.100</b>
DF	3	25	17.41	250	174.13	10.90	
<b>TOTAL</b>	<b>3</b>	<b>25</b>	<b>17.41</b>	<b>250</b>	<b>174.13</b>	<b>10.90</b>	<b>0.100</b>
DF	4	22	15.61	220	156.11	10.77	
<b>TOTAL</b>	<b>4</b>	<b>22</b>	<b>15.61</b>	<b>220</b>	<b>156.11</b>	<b>10.77</b>	<b>0.100</b>
DF	5	24	12.33	240	123.33	9.08	
<b>TOTAL</b>	<b>5</b>	<b>24</b>	<b>12.33</b>	<b>240</b>	<b>123.33</b>	<b>9.08</b>	<b>0.100</b>
DF	6	27	12.58	270	125.85	8.64	
<b>TOTAL</b>	<b>6</b>	<b>27</b>	<b>12.58</b>	<b>270</b>	<b>125.85</b>	<b>8.64</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>139</b>	<b>89.08</b>	<b>232</b>	<b>148.47</b>	<b>10.19</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Champion Timberlands	T15N, R12W, Sec 9,10	Principal

PLOT SUMMARY  
INSTALLATION 238

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	16	3.83	160	38.31	6.41	
WL	1	3	0.48	30	4.77	5.35	
LP	1	8	1.63	80	16.32	5.98	
<b>TOTAL</b>	<b>1</b>	<b>27</b>	<b>5.94</b>	<b>270</b>	<b>59.40</b>	<b>6.15</b>	<b>0.100</b>
DF	2	18	4.35	180	43.45	6.50	
WL	2	4	1.07	40	10.71	6.92	
LP	2	1	0.12	10	1.21	4.71	
<b>TOTAL</b>	<b>2</b>	<b>23</b>	<b>5.54</b>	<b>230</b>	<b>55.37</b>	<b>6.50</b>	<b>0.100</b>
DF	3	15	4.22	150	42.17	7.03	
WL	3	1	0.23	10	2.30	5.49	
<b>TOTAL</b>	<b>3</b>	<b>16</b>	<b>4.45</b>	<b>160</b>	<b>44.47</b>	<b>7.00</b>	<b>0.100</b>
DF	4	16	3.23	160	32.32	5.85	
WL	4	2	0.13	20	1.33	3.49	
LP	4	2	0.43	20	4.31	6.27	
PO	4	1	0.13	10	1.34	4.95	
<b>TOTAL</b>	<b>4</b>	<b>21</b>	<b>3.93</b>	<b>210</b>	<b>39.30</b>	<b>5.63</b>	<b>0.100</b>
DF	5	16	2.96	160	29.50	5.74	
WL	5	1	0.12	10	1.20	4.69	
LP	5	1	0.08	10	0.84	3.93	
<b>TOTAL</b>	<b>5</b>	<b>18</b>	<b>3.16</b>	<b>180</b>	<b>31.64</b>	<b>5.53</b>	<b>0.100</b>
DF	6	19	5.08	190	52.76	5.79	
WL	6	3	0.71	30	7.06	6.39	
LP	6	1	0.15	10	1.47	5.20	
<b>TOTAL</b>	<b>6</b>	<b>23</b>	<b>5.93</b>	<b>230</b>	<b>59.29</b>	<b>6.67</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>129</b>	<b>28.95</b>	<b>210</b>	<b>48.25</b>	<b>6.25</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Champion Timberlands	T22N, R26W, Sec 34,35	Principal

## PLCT SUMMARY

## INSTALLATION 239

SPECIES	PLCT	NUMBER	BASAL AREA	NUM / ACRE	BA / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	13	19.78	87	131.86	15.80	
PP	1	5	1.30	33	8.63	6.50	
<b>TOTAL</b>	<b>1</b>	<b>18</b>	<b>21.07</b>	<b>120</b>	<b>140.49</b>	<b>13.24</b>	<b>0.150</b>
DF	2	18	22.45	120	149.64	13.67	
PP	2	1	0.26	7	1.76	6.95	
<b>TOTAL</b>	<b>2</b>	<b>19</b>	<b>22.71</b>	<b>127</b>	<b>151.40</b>	<b>13.32</b>	<b>0.150</b>
DF	3	12	17.00	120	169.97	15.77	
PP	3	5	5.90	50	59.03	14.32	
<b>TOTAL</b>	<b>3</b>	<b>17</b>	<b>22.80</b>	<b>170</b>	<b>228.00</b>	<b>15.34</b>	<b>0.100</b>
DF	4	12	18.43	120	184.26	15.62	
PP	4	2	2.68	20	26.70	15.61	
<b>TOTAL</b>	<b>4</b>	<b>14</b>	<b>21.11</b>	<b>140</b>	<b>211.05</b>	<b>15.62</b>	<b>0.100</b>
DF	5	15	19.15	150	191.47	14.67	
PP	5	4	2.51	40	25.11	10.28	
<b>TOTAL</b>	<b>5</b>	<b>19</b>	<b>21.66</b>	<b>190</b>	<b>216.59</b>	<b>13.74</b>	<b>0.100</b>
DF	6	17	16.21	170	162.13	12.35	
PP	6	2	2.17	20	21.72	14.02	
<b>TOTAL</b>	<b>6</b>	<b>19</b>	<b>18.38</b>	<b>190</b>	<b>183.85</b>	<b>12.53</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>106</b>	<b>127.73</b>	<b>151</b>	<b>182.47</b>	<b>13.87</b>	

Ownership

Potlatch Corporation

Legal Description

T33N, R4W, Sec 10, E½

Meridian

Boise

**PLOT SUMMARY**  
**INSTALLATION 240**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	DBH / ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	22	7.98	220	70.77	7.90	
GF	1	2	0.46	20	4.52	5.44	
WC	1	3	0.99	30	9.91	7.78	
WL	1	8	2.35	90	23.51	7.07	
WP	1	1	0.47	10	4.74	9.32	
<b>TOTAL</b>	<b>1</b>	<b>36</b>	<b>12.25</b>	<b>360</b>	<b>122.54</b>	<b>7.67</b>	<b>0.100</b>
DF	2	37	16.53	370	165.33	5.82	
WL	2	4	1.40	40	13.97	7.99	
<b>TOTAL</b>	<b>2</b>	<b>41</b>	<b>17.93</b>	<b>410</b>	<b>170.31</b>	<b>9.74</b>	<b>0.100</b>
DF	3	32	8.98	320	84.93	6.97	
GF	3	2	0.47	20	4.72	6.57	
WC	3	1	0.32	10	3.24	7.71	
<b>TOTAL</b>	<b>3</b>	<b>35</b>	<b>9.78</b>	<b>350</b>	<b>97.79</b>	<b>6.97</b>	<b>0.100</b>
DF	4	21	12.58	210	125.79	10.29	
GF	4	1	0.17	10	1.66	5.52	
WL	4	6	2.27	60	22.66	9.13	
<b>TOTAL</b>	<b>4</b>	<b>28</b>	<b>15.01</b>	<b>280</b>	<b>150.12</b>	<b>9.56</b>	<b>0.100</b>
DF	5	18	10.04	180	100.40	9.97	
GF	5	4	1.43	40	14.30	7.57	
WL	5	9	4.86	90	48.60	9.80	
<b>TOTAL</b>	<b>5</b>	<b>31</b>	<b>16.33</b>	<b>310</b>	<b>163.30</b>	<b>9.58</b>	<b>0.100</b>
DF	6	20	15.20	290	151.96	9.66	
GF	6	1	0.33	10	3.25	7.72	
WL	6	6	3.01	60	30.07	9.37	
<b>TOTAL</b>	<b>6</b>	<b>36</b>	<b>18.53</b>	<b>360</b>	<b>185.28</b>	<b>9.55</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>207</b>	<b>89.83</b>	<b>345</b>	<b>146.72</b>	<b>9.65</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Potlatch Corporation	T37N, RSE, Sec 8, N½	Willamette

## PLOT SUMMARY

## INSTALLATION 241

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	28	9.56	280	95.60	7.59	
PP	1	8	3.07	80	37.73	8.29	
TOTAL	1	36	12.63	360	126.33	7.74	0.100
DF	2	29	10.05	290	100.47	7.76	
PP	2	5	2.29	50	22.94	9.16	
TOTAL	2	34	12.34	340	123.41	7.97	0.100
DF	3	22	7.12	220	71.17	7.56	
LP	3	1	0.40	10	4.03	8.60	
TOTAL	3	23	7.52	230	75.20	7.60	0.100
DF	4	27	9.69	270	96.94	7.94	
TOTAL	4	27	9.69	270	96.94	7.94	0.100
DF	5	27	12.48	270	124.81	8.84	
PP	5	1	0.18	10	1.80	5.74	
TOTAL	5	28	12.66	280	126.60	8.73	0.100
DF	6	30	10.62	300	106.18	7.86	
WL	6	1	0.31	10	3.05	7.43	
PP	6	3	1.60	30	16.00	9.75	
TOTAL	6	34	12.52	340	125.25	8.00	0.100
GRAND TOTAL		182	67.37	303	112.29	8.00	

OwnershipWashington Department of  
Natural ResourcesLegal DescriptionT33N, R24E, Sec 9, NE $\frac{1}{4}$ Meridian

Willamette

PLOT SUMMARY  
INSTALLATION 242

SPECIES	PLOT	NUMBER	BASAL AREA	NUM / ACRE	DBH / ACRE	AVE DBH	PLOT SIZE (ACRE)
DF	1	46	12.36	460	123.61	5.65	
LP	1	1	0.17	10	1.73	5.64	
TOTAL	1	47	12.53	470	125.35	6.63	0.100
DF	2	33	9.94	330	99.45	6.95	
LP	2	7	1.85	70	16.49	6.74	
TOTAL	2	40	11.79	400	117.94	6.92	0.100
DF	3	44	12.17	440	121.70	6.42	
LP	3	6	1.66	60	16.64	6.91	
TOTAL	3	50	13.83	500	138.34	6.48	0.100
DF	4	30	12.22	300	122.21	8.17	
TOTAL	4	30	12.22	300	122.21	8.17	0.100
DF	5	52	17.32	520	173.20	7.17	
TOTAL	5	52	17.32	520	173.20	7.17	0.100
DF	6	38	15.43	380	154.27	7.43	
LP	6	1	0.24	10	2.43	6.68	
TOTAL	6	39	15.67	390	156.70	7.47	0.100
GRAND TOTAL		258	83.37	430	136.96	7.12	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Washington Department of Natural Resources	T39N, R24E, Sec 13, SW <sub>1/4</sub>	Willamette

## PLOT SUMMARY

## INSTALLATION 243

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	21	9.59	210	95.86	8.93	
WL	1	1	0.55	10	5.46	10.01	
TOTAL	1	22	10.13	220	101.33	8.94	0.100
DF	2	17	3.35	170	83.50	9.27	
WL	2	3	1.48	30	14.75	9.16	
PP	2	1	0.61	10	6.08	10.55	
TOTAL	2	21	10.43	210	104.34	9.31	0.100
DF	3	26	11.63	260	116.27	8.73	
WL	3	3	1.22	30	12.22	8.59	
PP	3	1	0.05	10	0.52	3.10	
TOTAL	3	30	12.90	300	129.02	8.57	0.100
DF	4	21	15.19	210	151.86	11.23	
WL	4	1	0.29	10	2.91	7.30	
TOTAL	4	22	15.48	220	154.77	11.10	0.100
DF	5	26	14.60	260	146.03	9.97	
TOTAL	5	26	14.60	260	146.03	9.57	0.100
DF	6	22	13.45	220	134.48	10.29	
WL	6	1	0.89	10	8.35	12.77	
TOTAL	6	23	14.34	230	143.37	10.47	0.100
GRAND TOTAL		144	77.89	240	129.81	9.67	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Washington Department of Natural Resources	T35N, R40E, Sec 13, NW $\frac{1}{4}$	Willamette

## PLOT SUMMARY

## INSTALLATION 244.

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	14	25.90	140	258.95	17.82	
<b>TOTAL</b>	<b>1</b>	<b>14</b>	<b>25.90</b>	<b>140</b>	<b>258.95</b>	<b>17.82</b>	<b>0.100</b>
DF	2	13	26.45	130	264.54	18.59	
<b>TOTAL</b>	<b>2</b>	<b>13</b>	<b>26.45</b>	<b>130</b>	<b>264.54</b>	<b>18.59</b>	<b>0.100</b>
DF	3	18	26.55	180	265.49	15.46	
<b>TOTAL</b>	<b>3</b>	<b>18</b>	<b>26.55</b>	<b>180</b>	<b>265.49</b>	<b>15.46</b>	<b>0.100</b>
DF	4	28	28.90	280	288.99	12.77	
<b>TOTAL</b>	<b>4</b>	<b>28</b>	<b>28.90</b>	<b>280</b>	<b>288.99</b>	<b>12.77</b>	<b>0.100</b>
DF	5	29	30.23	290	302.32	13.34	
<b>TOTAL</b>	<b>5</b>	<b>29</b>	<b>30.23</b>	<b>290</b>	<b>302.32</b>	<b>13.34</b>	<b>0.100</b>
DF	6	22	25.31	220	253.05	13.87	
<b>TOTAL</b>	<b>6</b>	<b>22</b>	<b>25.31</b>	<b>220</b>	<b>253.05</b>	<b>13.87</b>	<b>0.100</b>
<b>GRAND TOTAL</b>		<b>124</b>	<b>163.33</b>	<b>207</b>	<b>272.22</b>	<b>14.67</b>	

OwnershipBureau of Land Management  
(Oregon)Legal DescriptionT11S, R45E, Sec 19, SW $\frac{1}{4}$ Meridian

Willamette

**PLOT SUMMARY**  
**INSTALLATION 245**

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)
DF	1	15	21.63	150	216.28	15.81	
TOTAL	1	15	21.63	150	216.28	15.81	0.100
DF	2	17	17.82	170	178.23	13.42	
TOTAL	2	17	17.82	170	178.23	13.42	0.100
DF	3	22	16.83	220	168.31	11.23	
TOTAL	3	22	16.83	220	168.31	11.23	0.100
DF	4	34	20.41	340	204.09	9.90	
TOTAL	4	34	20.41	340	204.09	9.90	0.100
DF	5	32	13.81	320	138.07	8.15	
TOTAL	5	32	13.81	320	138.07	8.15	0.100
DF	6	30	24.33	300	243.25	11.57	
TOTAL	6	30	24.33	300	243.25	11.57	0.100
<b>GRAND TOTAL</b>			<b>114.82</b>	<b>250</b>	<b>191.37</b>	<b>11.04</b>	

<u>Ownership</u>	<u>Legal Description</u>	<u>Meridian</u>
Bureau of Land Management (Oregon)	T12S, R44E, Sec 12, NW $\frac{1}{4}$	Willamette

## Appendix Two

**Locations of the Forty-Five Test Sites Installed  
During 1981 by the Intermountain Tree Nutrition Cooperative**

