

Arrowsmith TSA Silviculture Strategy (Type 2) Managed Stand Yield Tables

**Prepared For:
Vancouver Forest Region, Forest Practices
British Columbia Ministry of Forests**

**Prepared by:
Cortex Consultants Inc.
September 2001**



Table F-1. Natural stand yield tables created with VDYP

	N1001	N2001	N1002	N1002	N1003	N1004	N1005	N1006	N1007	N1008	N1009	N1010
	Fd 35 SAU01	Fd 35 SAU01 CT	Fd 28 SAU02	Fd 28 SAU02 CT	Fd 20 SAU03	other conif 22 SAU04	HwBa West 22 SAU05	HwBa West 14 SAU06	Cw West 23 SAU07	Cw West 14 SAU08	Ba/Ss West 22 SAU09	Heli west all SAU10
Age yrs	TSR2 Utilization m3											
5	0	0	0	0	0	0	0	0	0	0	0	0
15	3	0	0	0	0	1	1	0	2	0	15	0
25	141	0	60	0	2	43	47	0	55	0	102	7
35	285	135	176	0	46	118	147	10	150	11	197	45
45	410	260	276	126	112	196	240	56	240	50	283	104
55	518	368	361	211	171	270	322	108	321	97	368	165
65	613	463	435	285	222	338	392	161	393	141	444	220
75	697	547	501	351	267	397	454	207	458	181	509	270
85	768	618	557	407	306	447	507	248	511	216	564	312
95	831	681	606	456	340	490	553	285	555	246	612	349
105	887	737	650	500	371	528	593	318	594	272	653	382
115	936	786	688	538	398	559	627	347	624	293	688	408
125	977	827	720	570	420	592	663	376	661	317	724	438
135	1011	861	746	596	438	622	695	403	695	339	758	465
145	1037	887	765	615	451	648	725	427	724	358	788	489
155	1057	907	779	629	461	670	751	449	750	375	816	511
165	1069	919	787	637	466	688	775	469	773	389	841	529
175	1075	925	789	639	467	705	797	488	795	404	864	548
185	1089	939	798	648	472	722	818	506	817	419	886	566
195	1103	953	807	657	478	738	837	523	837	432	907	582
205	1116	966	816	666	483	754	855	539	856	445	926	598
215	1130	980	824	674	489	769	871	554	877	460	944	616
225	1130	980	832	682	494	783	887	568	896	474	961	632
235	1130	980	840	690	498	797	901	581	915	487	977	648
245	1130	980	840	690	498	797	901	581	915	487	977	648

Arrowsmith TSA Silviculture Strategy Analysis
Appendix F - Yield Tables

Table F-2. Yield table specifications for TASS simulation of managed stands.

SAU	Managed Regime #	State Label	Plant species	site index range	Weighted average site index	Regen Lag	Plant tph	natural ingress species	natural ingress tph	Density after ingrowth	Genetic Gain (%)	Pct age	PCT ht	PCT leave tph	1st prune dominant ht (m)	1st prune age (yrs)	1st prune lift (m)	2nd prune dominant ht (m)	2nd prune age (yrs)	2nd Prune Target	2nd prune lift (m)	Q-mean diameter (cm)	CT age/ht	CT leave tph	CT remove m3/ha	Fertilize yrs after CT	Fertilize yrs after 2nd lift	Fertilize 10 yr cycle	Multiple Fertilizati on	
1	1001	06	Fdc	G	34.77	2	600	NULL	0	600	0																			
1	1002	12	Fdc	G	34.77	2	1200	NULL	0	1200	0																			
1	1008	12-S05	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	500																
1	1009	12-S05P	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	500	6	14	3	10	18	all	5.5									
1	1003	12-S06	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	600																
1	1004	12-S06P	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	600	6	14	3	10	18	all	5.5									
1	1075	12-S06PT	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	600	6	14	3	10	18	300	5.5	30	43	300	120					
1	1077	12-S06-T	Fdc	G	34.77	2	1200	NULL	0	1200	0	14	6m	600								25	43	400	120					
1	1079	12--T	Fdc	G	34.77	2	1200	NULL	0	1200	0																			
1	1010	16	Fdc75Cw25	G	34.77	2	1600	NULL	0	1600	0																			
1	1011	16-S08	Fdc75Cw25	G	34.77	2	1600	NULL	0	1600	0	14	6m	800																
1	1012	16-S08P	Fdc75Cw25	G	34.77	2	1600	NULL	0	1600	0	14	6m	800	6	14	3	10	18	all	5.5									
1	1081	16-S08PT	Fdc75Cw25	G	34.77	2	1600	NULL	0	1600	0	14	6m	800	6	14	3	10	18	300	5.5	30	45	300	120					
1	1083	16-S08-T	Fdc75Cw25	G	34.77	2	1600	NULL	0	1600	0	14	6m	800	6	14	3	10	18	300	5.5	30	45	300	120					
2	1015	06	Fdc	M	27.88	2	600	NULL	0	600	0																			
2	1016	12	Fdc	M	27.88	2	1200	NULL	0	1200	0																			
2	1017	12-S06	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600																
2	2017	12-S06-F	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600													1	yes	yes	
2	1018	12-S06P	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600	6	16	3	10	22	all	5.5									
2	2018	12-S06P-F	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600	6	16	3	10	22	300	5.5						1	yes	yes	
2	1085	12-S06PT	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600	6	16	3	10	22	300	5.5	30	55	300	120					
2	2085	12-S06PTF	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600	6	16	3	10	22	300	5.5	30	45	300	120	1	1	yes	yes	
2	1087	12-S06-T	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600								30	55	300	120	1	1	yes	yes	
2	2087	12-S06-TF	Fdc	M	27.88	2	1200	NULL	0	1200	0	16	6m	600								30	45	300	120	1	1	yes	yes	
2	1089	12--T	Fdc	M	27.88	2	1200	NULL	0	1200	0											25	55	400	120					
2	2089	12--TF	Fdc	M	27.88	2	1200	NULL	0	1200	0											25	55	400	120	1		yes	yes	
2	1025	16	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0																			
2	1026	16-S08	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800																
2	2026	16-S08-F	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800													1	yes	yes	
2	1027	16-S08P	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800	6	16	3	10	22	all	5.5									
2	2032	16-S08P-F	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800	6	16	3	10	22	all	5.5						1	yes	yes	
2	1091	16-S08PT	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800	6	16	3	10	22	300	5.5	30	56	300	120					
2	2091	16-S08PTF	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800	6	16	3	10	22	300	5.5	30	46	300	120	1	1	yes	yes	
2	1093	16-S08-T	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800								30	56	300	120	1	1	yes	yes	
2	2093	16-S08-TF	Fdc75Cw25	M	27.88	2	1600	NULL	0	1600	0	16	6m	800								30	46	300	120	1	1	yes	yes	
3	1033	06	Fdc	P	19.60	2	600	NULL	0	600	0																			
3	1034	12	Fdc	P	19.60	2	1200	NULL	0	1200	0																			
3	1035	12N18	Fdc	P	19.60	2	1200	Fdc	1800	3000	0																			
3	1037	12N18S08	Fdc	P	19.60	2	1200	Fdc	1800	3000	0	20	6m	800																
3	2037	12N18S08-F	Fdc	P	19.60	2	1200	Fdc	1800	3000	0	20	6m	800													1	1	yes	yes
4	1038	06	Cw5Bg3Hw2	all	21.77	2	600	NULL	0	600	0																			
4	1039	12	Cw5Bg3Hw2	all	21.77	2	1200	NULL	0	1200	0																			
4	1040	16	Cw5Bg3Hw2	all	21.77	2	1600	NULL	0	1600	0																			
5	1041	06	Hw7Cw2Ba1	G/M	21.77	3	600	NULL	0	600	0																			
5	1042	12	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0																			
5	1047	12N48	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0																			
5	1124	12N48S06	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	600																
5	1049	12N48S06P	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	600	6	20	3	10	28	all	5.5									
5	1050	12N48S08	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	800																
5	1125	12N48S08P	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	800	6	20	3					30	70	400	150					
5	1095	12N48S08PT	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	800	6	20	3					30	70	400	150					
5	1097	12N48S08-T	Hw7Cw2Ba1	G/M	21.77	3	1200	Hw8Cw2	4800	6000	0	20	6m	800																
5	1127	12-S06	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	600																
5	1045	12-S06P	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	600	6	20	3	10	28	all	5.5									
5	1046	12-S08	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	800																
5	1126	12-S08P	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	800	6	20	3													
5	1099	12-S08PT	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	800	6	20	3					30	62	400	150					
5	1101	12-S08-T	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0	20	6m	800								30	62	400	150					
5	1103	12--T	Hw7Cw2Ba1	G/M	21.77	3	1200	NULL	0	1200	0											30	62	400	150					
6	1051	06	Hw7Cw2Ba1	P	13.69	3	600	NULL	0	600	0																			
6	1052	12	Hw7Cw2Ba1	P	13.69	3	1200	NULL	0	1200	0																			
6	1053	12N48	Hw7Cw2Ba1	P	13.69	3	1200	Hw8Cw2	4800	6000	0																			
6	1054	12N48S10	Hw7Cw2Ba1	P	13.69	3	1200	Hw8Cw2	4800	6000	0	27	6m	1000																

Arrowsmith TSA Silviculture Strategy Analysis
Appendix F - Yield Tables

Table F-2. Yield table specifications for TASS simulation of managed stands.

SAU	Managed Regime #	State Label	Plant species	site index range	Weighted average site index	Regen Lag	Plant tph	natural ingress species	natural ingress tph	Density after ingrowth	Genetic Gain (%)	Pct age	PCT ht	PCT leave tph	1st prune dominant ht (m)	1st prune age (yrs)	1st prune lift (m)	2nd prune dominant ht (m)	2nd prune age (yrs)	2nd Prune Target	2nd prune lift (m)	Q-mean diameter (cm)	CT age/ht	CT leave tph	CT remove m3/ha	Fertilize yrs after CT	Fertilize yrs after 2nd lift	Fertilize 10 yr cycle	Multiple Fertilizati on
7	1055	06	Cw7Hw2Ba1	G/M	23.40	3	600	NULL	0	600	0																		
7	1056	12	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0																		
7	1062	12N48	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0																		
7	1066	12N48-P	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0				6	17	3	10	25	500	5.5								
7	1129	12N48S07	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	700															
7	1067	12N48S07P	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	700	6	17	3	10	25	all	5.5								
7	1063	12N48S10	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	1000															
7	1064	12N48S10P	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	1000	6	17	3	10	25	all	5.5								
7	1105	12N48S10PT	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	1000	6	17	3	10	25	400	5.5	30	63	400	150				
7	1107	12N48S10-T	Cw7Hw2Ba1	G/M	23.40	3	1200	Cw8H2	4800	6000	0	17	6m	1000								30	63	400	150				
7	1128	12-P	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0				6	17	3	10	25	400	5.5								
7	1109	12-PT	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0				6	17	3	10	25	400	5.5	30	57	400	150				
7	1057	12-S07	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0	17	6m	700															
7	1058	12-S07P	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0	17	6m	700	6	17	3	10	25	all	5.5								
7	1111	12-S07PT	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0	17	6m	700	6	17	3	10	25	400	5.5	30	57	400	150				
7	1113	12-S07-T	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0	17	6m	700								30	57	400	150				
7	1115	12---T	Cw7Hw2Ba1	G/M	23.40	3	1200	NULL	0	1200	0											30	57	400	150				
8	1068	06	Cw7Hw2Ba1	P	14.03	3	600	NULL	0	600	0																		
8	1069	12	Cw7Hw2Ba1	P	14.03	3	1200	NULL	0	1200	0																		
8	1070	12N48	Cw7Hw2Ba1	P	14.03	3	1200	Cw8H2	4800	6000	0																		
8	1071	12N48S12	Cw7Hw2Ba1	P	14.03	3	1200	Cw8H2	4800	6000	0	27	6m	1200															
9	1072	06	Ba6Hw2Cw2	all	22.29	3	600	NULL	0	600	0																		
9	1073	12	Ba6Hw2Cw2	all	22.29	3	1200	NULL	0	1200	0																		
9	1075	12N48	Ba6Hw2Cw2	all	22.29	3	1200	Ba6Hw2Cw2	4800	6000	0																		
9	1076	12N48S10	Ba6Hw2Cw2	all	22.29	3	1200	Ba6Hw2Cw2	4800	6000	0	20	6m	1000															
9	1117	12---T	Ba6Hw2Cw2	all	22.29	3	1200	NULL	0	1200	0											30	60	400	150				
10	1130	12	Hw5Cw5	all	16.42	3	1200	NULL	0	1200	0																		

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1001 SAU01 Good site Fd leading, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	7	9	51	463	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	21	82	444	95	-	-	-	-	-	-	-	-	-	-	-	-	-
35	24	30	83	441	254	-	-	-	-	-	-	-	-	-	-	-	-	-
45	30	35	83	439	431	-	-	-	-	-	-	-	-	-	-	137	-	-
55	34	40	83	437	604	-	-	-	-	-	-	-	-	-	-	381	40	-
65	38	43	82	434	767	-	-	-	-	-	-	-	-	-	-	577	227	-
75	42	46	82	428	912	-	-	-	-	-	-	-	-	-	-	740	459	21
85	45	48	81	419	1,040	-	-	-	-	-	-	-	-	-	-	887	634	90
95	47	51	81	394	1,140	-	-	-	-	-	-	-	-	-	-	1,018	804	233
105	49	53	81	370	1,225	-	-	-	-	-	-	-	-	-	-	1,127	940	348
115	51	57	80	326	1,274	-	-	-	-	-	-	-	-	-	-	1,217	1,046	471
125	53	60	80	284	1,304	-	-	-	-	-	-	-	-	-	-	1,272	1,137	597
135	55	63	79	263	1,343	-	-	-	-	-	-	-	-	-	-	1,304	1,217	730
145	56	65	79	251	1,387	-	-	-	-	-	-	-	-	-	-	1,343	1,281	827
155	57	67	78	236	1,417	-	-	-	-	-	-	-	-	-	-	1,387	1,338	916
165	58	69	78	219	1,434	-	-	-	-	-	-	-	-	-	-	1,417	1,387	1,012
175	59	70	78	212	1,463	-	-	-	-	-	-	-	-	-	-	1,434	1,418	1,084
185	60	72	77	199	1,472	-	-	-	-	-	-	-	-	-	-	1,463	1,451	1,139
195	61	73	77	192	1,488	-	-	-	-	-	-	-	-	-	-	1,472	1,463	1,201
205	62	74	76	189	1,516	-	-	-	-	-	-	-	-	-	-	1,488	1,484	1,242
215	63	75	76	187	1,539	-	-	-	-	-	-	-	-	-	-	1,516	1,512	1,276
225	64	76	75	178	1,537	-	-	-	-	-	-	-	-	-	-	1,539	1,535	1,316
235	64	77	75	172	1,537	-	-	-	-	-	-	-	-	-	-	1,537	1,533	1,349
245	65	78	74	167	1,544	-	-	-	-	-	-	-	-	-	-	1,537	1,533	1,371
																1,544	1,539	1,392

Table 1002 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	78	922	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	18	84	885	92	-	-	-	26	50	11	2	-	-	5,785	-	-	-
35	24	23	84	880	294	-	-	-	193	68	17	3	-	-	21,661	57	-	-
45	30	27	83	864	469	-	-	3	341	104	9	14	-	-	37,034	285	24	-
55	34	31	83	809	639	-	-	43	432	147	19	17	-	-	52,671	488	155	-
65	39	34	82	719	794	-	14	120	451	149	11	20	-	-	65,018	656	383	17
75	42	38	82	653	933	-	130	156	458	156	12	28	-	-	88,089	810	562	77
85	45	41	81	568	1,042	-	214	198	426	144	13	33	-	-	102,384	944	735	177
95	47	46	81	463	1,117	-	284	267	375	136	17	41	-	-	116,475	1,054	874	302
105	50	51	81	375	1,172	-	311	354	326	134	14	43	-	-	126,015	1,140	989	456
115	52	56	80	305	1,209	-	337	394	258	124	12	47	-	-	128,188	1,198	1,082	588
125	53	60	80	263	1,249	-	389	461	220	119	10	52	-	-	140,179	1,245	1,162	698
135	55	62	79	252	1,306	-	419	474	199	120	10	55	-	-	144,432	1,305	1,235	831
145	56	64	79	238	1,348	-	437	586	169	127	8	59	-	-	158,017	1,347	1,296	915
155	57	67	78	221	1,379	-	449	567	140	117	10	60	-	-	154,565	1,379	1,347	986
165	59	68	78	210	1,410	-	478	623	142	118	9	60	-	-	165,585	1,410	1,388	1,049
175	60	70	78	199	1,430	-	481	623	121	113	11	58	-	-	163,874	1,430	1,413	1,118
185	61	72	77	192	1,452	-	480	612	109	109	9	58	-	-	161,015	1,452	1,439	1,180
195	62	73	77	185	1,471	-	503	707	97	111	11	61	-	-	174,959	1,471	1,464	1,222
205	62	74	76	180	1,491	-	541	758	92	117	11	70	-	-	186,628	1,491	1,486	1,251
215	63	75	76	177	1,512	-	510	767	81	112	12	67	-	-	181,655	1,512	1,507	1,282
225	64	76	75	173	1,528	-	520	830	70	113	12	73	-	-	189,858	1,528	1,526	1,320
235	65	77	75	169	1,540	-	511	760	73	110	12	68	-	-	180,391	1,540	1,539	1,347
245	65	78	74	165	1,554	-	476	744	61	102	12	64	-	-	171,693	1,554	1,554	1,376

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1008 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 500 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	51	495	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	21	82	475	93	-	-	-	33	41	10	5	-	-	6,030	-	-	-
35	24	29	83	473	261	-	-	-	155	74	11	11	-	-	18,876	131	-	-
45	30	34	83	469	442	-	-	8	280	115	9	16	-	-	33,030	377	45	-
55	35	39	83	465	623	-	-	64	387	141	10	20	-	-	50,473	575	252	-
65	39	42	82	454	791	-	13	194	443	152	10	25	-	-	72,943	749	507	36
75	42	45	82	443	941	-	70	262	419	150	10	28	-	-	87,429	903	696	96
85	45	48	81	426	1,071	-	139	350	384	143	12	33	-	-	104,692	1,038	859	218
95	47	51	81	389	1,170	-	200	433	373	145	14	42	-	-	123,135	1,148	993	369
105	50	55	81	350	1,249	-	196	472	316	137	11	43	-	-	121,389	1,240	1,107	512
115	51	58	80	309	1,302	-	243	548	272	131	10	47	-	-	133,158	1,299	1,202	648
125	53	62	80	273	1,341	-	249	628	238	136	10	51	-	-	140,748	1,341	1,285	740
135	55	64	79	257	1,390	-	283	751	203	136	10	55	-	-	157,188	1,390	1,353	840
145	56	66	79	245	1,432	-	267	719	186	124	8	53	-	-	148,651	1,432	1,406	961
155	57	68	78	232	1,463	-	290	847	159	128	9	60	-	-	165,044	1,463	1,451	1,028
165	59	69	78	225	1,496	-	292	862	154	124	9	56	-	-	166,312	1,496	1,484	1,091
175	60	70	78	219	1,528	-	282	859	141	116	10	57	-	-	162,958	1,528	1,519	1,172
185	61	72	77	210	1,545	-	299	861	132	111	10	58	-	-	164,672	1,545	1,537	1,233
195	62	73	77	206	1,572	-	295	944	115	111	11	65	-	-	172,399	1,572	1,565	1,278
205	62	74	76	199	1,582	-	307	1,059	112	120	11	75	-	-	188,125	1,582	1,577	1,322
215	63	75	76	192	1,587	-	285	934	92	103	13	67	-	-	167,536	1,587	1,581	1,367
225	64	76	75	184	1,588	-	290	966	88	103	10	72	-	-	171,673	1,588	1,585	1,406
235	65	77	75	181	1,603	-	276	1,045	86	106	11	71	-	-	178,782	1,603	1,600	1,433
245	65	77	74	177	1,617	-	277	1,109	77	104	10	80	-	-	185,762	1,617	1,617	1,463

Table 1009 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 500 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	44	495	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	20	81	476	85	-	-	-	34	36	11	3	-	41	5,704	-	-	-
35	24	28	83	473	254	-	-	-	166	55	12	10	-	97	18,623	108	-	-
45	30	34	83	471	435	-	-	8	276	120	8	17	-	149	33,019	366	38	-
55	35	38	83	465	617	-	-	52	384	135	11	19	-	190	48,527	568	223	-
65	39	42	82	456	783	-	10	178	442	159	9	24	-	241	71,096	741	486	29
75	42	45	82	444	934	-	99	231	425	147	9	27	-	261	88,445	895	671	88
85	45	47	81	427	1,062	-	174	285	385	138	13	32	-	274	102,389	1,029	836	189
95	47	51	81	392	1,161	-	234	391	381	148	13	41	-	312	124,212	1,140	968	333
105	50	54	81	354	1,241	-	249	416	322	136	11	41	-	295	123,491	1,231	1,086	491
115	51	57	80	315	1,295	-	267	543	271	137	10	48	-	311	136,597	1,294	1,180	617
125	53	61	80	277	1,333	-	308	559	244	136	10	53	-	312	142,385	1,333	1,259	719
135	55	63	79	260	1,381	-	323	650	216	139	10	54	-	325	152,797	1,381	1,334	813
145	56	65	79	247	1,423	-	327	669	187	134	9	54	-	317	152,718	1,423	1,388	920
155	57	67	78	235	1,455	-	335	760	173	131	10	59	-	332	163,286	1,455	1,432	1,002
165	59	69	78	224	1,482	-	312	783	153	123	10	58	-	321	160,229	1,482	1,466	1,074
175	60	70	78	218	1,515	-	331	841	139	118	12	61	-	332	169,294	1,515	1,506	1,143
185	61	71	77	210	1,536	-	337	814	121	114	10	61	-	320	165,951	1,536	1,528	1,200
195	62	72	77	208	1,566	-	331	864	115	118	11	69	-	328	172,345	1,566	1,558	1,241
205	62	73	76	201	1,580	-	360	962	123	119	11	72	-	355	189,080	1,580	1,577	1,288
215	63	74	76	191	1,572	-	306	881	88	104	10	67	-	311	167,619	1,572	1,568	1,325
225	64	75	75	189	1,596	-	318	920	99	110	10	71	-	324	175,338	1,596	1,592	1,367
235	65	76	75	183	1,599	-	319	1,032	81	110	13	73	-	342	187,037	1,599	1,597	1,399
245	65	77	74	179	1,610	-	292	1,032	83	108	10	77	-	337	186,512	1,610	1,609	1,424

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1003 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	58	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	20	83	569	99	-	-	-	40	41	13	3	-	-	6,671	-	-	-
35	24	27	83	566	280	-	-	-	190	59	14	8	-	-	20,935	103	-	-
45	29	32	83	562	464	-	-	6	319	110	8	16	-	-	35,856	371	29	-
55	34	36	83	552	644	-	-	47	431	138	12	20	-	-	52,199	569	207	-
65	39	40	82	532	811	-	14	151	483	149	11	24	-	-	71,571	744	456	28
75	42	43	82	509	958	-	106	166	450	140	8	26	-	-	83,643	896	644	78
85	45	45	81	479	1,081	-	216	271	452	150	14	36	-	-	113,798	1,029	808	172
95	47	49	81	425	1,172	-	218	316	383	135	12	38	-	-	112,407	1,137	949	328
105	50	53	81	372	1,240	-	259	415	344	142	11	42	-	-	127,138	1,222	1,063	483
115	51	57	80	311	1,276	-	324	473	299	134	10	49	-	-	139,353	1,273	1,162	610
125	53	60	80	279	1,318	-	355	524	242	133	9	52	-	-	144,860	1,318	1,241	697
135	55	63	79	260	1,365	-	365	592	220	133	10	53	-	-	152,346	1,365	1,308	824
145	56	65	79	244	1,402	-	384	671	180	131	11	57	-	-	161,136	1,402	1,370	915
155	57	67	78	234	1,438	-	362	665	171	126	8	55	-	-	155,552	1,438	1,412	980
165	59	68	78	221	1,460	-	362	731	139	123	9	58	-	-	160,353	1,460	1,444	1,045
175	60	70	78	212	1,482	-	417	810	122	121	11	66	-	-	176,610	1,482	1,471	1,127
185	61	71	77	204	1,503	-	411	775	121	119	10	62	-	-	171,285	1,503	1,496	1,188
195	61	72	77	199	1,528	-	406	813	107	116	10	66	-	-	173,741	1,528	1,527	1,242
205	62	73	76	193	1,546	-	397	803	111	110	11	65	-	-	171,216	1,546	1,546	1,284
215	63	74	76	191	1,570	-	406	859	101	113	11	71	-	-	178,580	1,570	1,570	1,325
225	64	75	75	187	1,583	-	397	904	87	111	10	74	-	-	181,116	1,583	1,583	1,362
235	64	76	75	181	1,590	-	425	913	83	113	12	72	-	-	186,153	1,590	1,590	1,408
245	65	77	75	177	1,601	-	440	989	87	118	9	81	-	-	197,960	1,601	1,601	1,441

Table 1004 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	50	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	19	83	569	90	-	-	-	31	41	11	3	-	41	5,821	-	-	-
35	24	27	83	566	272	-	-	-	187	53	14	7	-	103	20,328	85	-	-
45	29	32	83	562	455	-	-	5	316	107	9	16	-	156	35,314	354	27	-
55	34	36	83	550	634	-	-	46	422	137	13	20	-	201	51,353	556	183	-
65	39	39	82	534	801	-	15	140	482	150	10	24	-	241	70,390	728	448	20
75	42	42	82	509	947	-	111	183	448	147	9	28	-	258	86,853	882	631	78
85	45	45	81	481	1,072	-	202	215	450	144	13	31	-	283	104,518	1,015	798	159
95	47	49	81	426	1,161	-	253	313	377	137	13	39	-	290	117,130	1,125	937	315
105	50	52	81	371	1,231	-	301	382	349	142	11	43	-	306	130,045	1,212	1,049	472
115	51	57	80	311	1,267	-	319	447	286	137	11	47	-	303	134,690	1,263	1,147	602
125	53	60	80	279	1,312	-	341	526	251	139	10	52	-	311	144,212	1,312	1,231	695
135	55	63	79	260	1,358	-	350	544	214	131	10	50	-	302	144,044	1,358	1,298	809
145	56	65	79	247	1,400	-	380	628	198	128	9	59	-	319	156,869	1,400	1,356	898
155	57	67	78	229	1,420	-	381	627	163	130	9	55	-	306	153,778	1,420	1,397	968
165	58	68	78	219	1,448	-	409	683	135	116	9	57	-	312	161,248	1,448	1,430	1,025
175	60	70	78	209	1,470	-	396	726	127	113	10	57	-	314	163,365	1,470	1,457	1,120
185	60	71	77	203	1,495	-	428	850	114	125	9	66	-	344	183,013	1,495	1,485	1,177
195	61	72	77	196	1,516	-	397	768	101	109	7	64	-	312	166,927	1,516	1,512	1,227
205	62	73	76	193	1,541	-	399	835	107	110	9	70	-	326	177,324	1,541	1,538	1,283
215	63	74	76	189	1,560	-	413	879	91	108	9	71	-	334	185,590	1,560	1,558	1,318
225	64	75	75	187	1,581	-	424	840	93	114	10	73	-	330	185,030	1,581	1,579	1,357
235	64	76	75	183	1,596	-	419	887	92	113	12	73	-	337	189,820	1,596	1,593	1,397
245	65	76	75	179	1,609	-	425	952	86	112	10	78	-	349	198,673	1,609	1,607	1,427

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1075 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	50	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	19	83	569	92	-	-	-	31	43	11	3	-	42	5,947	-	-	-
35	24	27	83	566	149	-	-	-	187	55	14	7	-	100	20,393	85	-	-
45	30	35	71	299	278	-	-	5	196	79	6	13	-	101	22,977	283	27	-
55	34	41	80	296	427	-	-	55	291	107	9	17	-	147	38,989	455	223	-
65	39	46	82	293	640	-	28	175	311	116	8	22	-	187	59,450	624	487	29
75	42	50	82	287	794	-	124	237	260	118	10	27	-	207	76,849	781	685	109
85	45	53	81	283	932	-	212	339	226	119	13	35	-	242	99,423	918	839	252
95	48	57	81	269	1,045	-	267	383	197	115	12	40	-	250	110,182	1,035	967	460
105	50	60	81	257	1,143	-	304	490	202	122	13	45	-	281	129,224	1,137	1,076	624
115	52	63	80	239	1,219	-	317	540	153	114	10	48	-	276	132,211	1,217	1,168	767
125	53	65	80	229	1,288	-	316	640	137	116	11	49	-	292	142,347	1,287	1,250	901
135	55	67	79	220	1,350	-	334	654	129	112	9	51	-	292	145,671	1,350	1,324	1,015
145	56	69	79	215	1,407	-	372	759	121	117	9	59	-	318	163,338	1,407	1,386	1,087
155	58	71	78	206	1,451	-	367	778	105	114	8	57	-	314	163,032	1,451	1,445	1,153
165	59	73	78	197	1,482	-	395	896	91	115	9	62	-	339	179,921	1,482	1,480	1,224
175	60	74	78	192	1,516	-	353	841	87	101	7	56	-	310	165,838	1,516	1,516	1,288
185	61	75	77	186	1,544	-	396	839	85	106	9	61	-	317	172,489	1,544	1,544	1,339
195	62	76	77	184	1,575	-	392	889	71	104	12	62	-	322	176,373	1,575	1,575	1,382
205	62	77	76	180	1,597	-	381	979	58	102	13	65	-	333	184,039	1,597	1,597	1,423
215	63	78	76	177	1,620	-	384	984	63	107	11	64	-	334	185,611	1,620	1,620	1,464
225	64	79	75	173	1,633	-	381	980	55	103	12	69	-	329	185,026	1,633	1,633	1,495
235	65	80	75	169	1,648	-	361	1,035	50	103	12	70	-	335	188,700	1,648	1,648	1,522
245	65	80	75	168	1,666	-	386	1,105	49	108	12	79	-	354	200,191	1,666	1,666	1,544

Table 1077 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	58	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	20	83	569	99	-	-	-	40	41	13	3	-	-	6,671	-	-	-
35	24	27	83	566	154	-	-	-	190	59	14	8	-	-	20,935	103	-	-
45	30	36	71	299	284	-	-	7	201	82	5	13	-	-	23,825	292	29	-
55	35	42	80	296	434	-	-	65	291	107	9	17	-	-	40,149	461	241	-
65	39	47	82	293	645	-	33	205	295	120	8	22	-	-	62,347	630	499	36
75	42	51	82	288	800	-	123	251	254	116	9	28	-	-	77,832	787	693	114
85	45	54	81	282	937	-	200	332	235	120	11	30	-	-	97,528	925	851	265
95	48	57	81	270	1,051	-	237	385	200	113	13	36	-	-	106,040	1,042	976	476
105	50	60	81	257	1,148	-	304	520	190	124	14	45	-	-	131,717	1,144	1,083	620
115	52	63	80	243	1,228	-	306	618	154	121	10	48	-	-	139,897	1,225	1,177	775
125	53	66	80	229	1,294	-	323	591	141	113	9	48	-	-	137,786	1,294	1,263	901
135	55	67	79	222	1,358	-	335	715	131	121	10	51	-	-	153,424	1,358	1,334	1,001
145	56	69	79	214	1,410	-	353	764	124	115	7	54	-	-	160,895	1,410	1,397	1,076
155	58	71	78	205	1,448	-	346	817	117	114	9	57	-	-	165,521	1,448	1,441	1,150
165	59	73	78	197	1,481	-	360	917	90	116	8	61	-	-	176,978	1,481	1,477	1,227
175	60	74	78	191	1,513	-	349	835	84	100	9	59	-	-	164,323	1,513	1,513	1,277
185	61	75	77	188	1,548	-	378	926	83	107	11	62	-	-	179,726	1,548	1,548	1,328
195	62	76	77	183	1,571	-	350	925	71	102	10	63	-	-	174,120	1,571	1,571	1,376
205	63	77	76	178	1,590	-	350	955	64	101	11	59	-	-	176,831	1,590	1,590	1,411
215	63	78	76	175	1,611	-	371	1,002	65	104	12	66	-	-	186,020	1,611	1,611	1,452
225	64	79	75	173	1,631	-	350	1,019	54	104	13	69	-	-	184,053	1,631	1,631	1,483
235	65	80	75	169	1,643	-	355	1,098	54	108	11	74	-	-	194,073	1,643	1,643	1,511
245	65	80	75	167	1,661	-	378	1,074	54	105	12	74	-	-	194,740	1,661	1,661	1,532

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1079 SAU01 Good site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	78	922	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	18	84	885	92	-	-	-	26	50	11	2	-	-	5,785	-	-	-
35	24	23	84	880	165	-	-	-	193	68	17	3	-	-	21,661	57	-	-
45	30	32	75	399	301	-	-	2	260	69	5	13	-	-	27,522	260	24	-
55	35	37	81	393	451	-	-	45	315	102	12	16	-	-	39,693	450	177	-
65	39	41	82	386	661	-	16	148	342	123	8	22	-	-	57,538	619	422	17
75	42	45	82	374	811	-	129	181	349	125	11	28	-	-	79,592	775	623	91
85	45	48	81	353	940	-	230	231	292	126	11	31	-	-	95,713	908	772	201
95	47	52	81	321	1,046	-	285	288	274	118	14	35	-	-	108,837	1,027	916	347
105	50	56	81	291	1,134	-	343	353	241	120	12	44	-	-	122,509	1,125	1,031	502
115	52	59	80	268	1,206	-	370	432	222	119	12	50	-	-	134,017	1,202	1,123	649
125	53	63	80	242	1,259	-	402	508	190	116	9	55	-	-	144,768	1,257	1,202	768
135	55	65	79	230	1,314	-	418	519	159	115	8	52	-	-	145,743	1,314	1,271	899
145	56	67	79	222	1,366	-	451	608	149	120	7	60	-	-	160,439	1,366	1,329	999
155	58	69	78	213	1,406	-	433	607	131	112	9	55	-	-	155,455	1,406	1,383	1,054
165	59	70	78	205	1,441	-	479	678	115	114	11	59	-	-	169,463	1,441	1,425	1,120
175	60	72	78	196	1,461	-	479	671	93	103	10	57	-	-	166,116	1,461	1,451	1,187
185	61	73	77	186	1,480	-	474	730	87	107	11	59	-	-	171,944	1,480	1,474	1,235
195	62	75	77	181	1,507	-	494	756	79	109	10	64	-	-	177,425	1,507	1,505	1,286
205	62	76	76	179	1,535	-	483	748	75	99	12	61	-	-	173,940	1,535	1,533	1,325
215	63	76	76	175	1,555	-	486	808	65	104	13	65	-	-	180,851	1,555	1,555	1,367
225	64	77	75	170	1,566	-	473	811	63	105	11	68	-	-	179,302	1,566	1,566	1,400
235	65	78	75	167	1,582	-	505	874	57	110	13	73	-	-	191,296	1,582	1,582	1,428
245	65	79	75	166	1,603	-	481	831	57	102	14	68	-	-	182,207	1,603	1,603	1,462

Table 1010 SAU01 Good site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	8	82	1,233	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	16	84	1,183	72	-	-	-	15	44	9	3	-	-	4,381	-	-	-
35	24	21	84	1,169	283	-	-	-	176	76	17	2	-	-	20,214	35	-	-
45	30	24	83	1,116	461	-	-	5	317	102	11	13	-	-	34,388	266	18	-
55	35	28	83	973	634	-	-	32	427	144	17	20	-	-	49,628	480	117	-
65	38	32	82	829	790	-	11	97	456	158	13	22	-	-	61,763	661	346	31
75	42	36	82	687	927	-	123	140	482	170	12	29	-	-	86,031	817	548	66
85	45	41	81	564	1,036	-	216	165	418	152	16	31	-	-	96,520	952	726	150
95	47	46	81	443	1,111	-	277	235	398	139	14	40	-	-	111,102	1,065	873	257
105	50	51	81	366	1,175	-	316	273	336	130	13	45	-	-	115,543	1,153	990	389
115	52	55	80	308	1,220	-	388	372	289	134	11	51	-	-	133,576	1,212	1,082	528
125	53	59	80	277	1,271	-	404	423	243	132	12	55	-	-	137,935	1,269	1,168	633
135	55	61	79	256	1,316	-	427	419	221	129	11	53	-	-	138,642	1,316	1,243	739
145	56	63	79	247	1,366	-	455	518	192	131	9	59	-	-	151,707	1,366	1,309	838
155	57	65	78	232	1,401	-	486	564	177	133	7	60	-	-	160,034	1,401	1,361	906
165	59	66	78	227	1,444	-	489	556	163	125	10	59	-	-	158,104	1,444	1,408	997
175	60	68	78	215	1,464	-	528	640	138	128	10	66	-	-	171,670	1,464	1,441	1,057
185	61	70	77	204	1,480	-	500	645	139	117	10	63	-	-	167,380	1,480	1,466	1,110
195	62	71	77	197	1,499	-	508	666	109	115	11	65	-	-	168,425	1,499	1,488	1,160
205	62	72	76	192	1,520	-	551	744	107	116	11	69	-	-	183,561	1,520	1,512	1,203
215	63	73	76	190	1,546	-	545	737	117	117	13	72	-	-	183,082	1,546	1,540	1,243
225	64	74	75	183	1,553	-	572	797	95	117	11	80	-	-	192,091	1,553	1,552	1,288
235	65	75	75	179	1,567	-	542	786	78	112	10	78	-	-	184,635	1,567	1,564	1,319
245	65	75	74	177	1,586	-	526	808	88	114	12	76	-	-	185,705	1,586	1,583	1,344

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1011 SAU01 Good site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	66	792	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	19	84	760	94	-	-	-	31	46	12	4	-	-	5,972	-	-	-
35	24	24	84	757	294	-	-	-	197	66	16	4	-	-	21,455	62	-	-
45	30	29	83	744	474	-	-	4	332	99	10	13	-	-	35,170	309	19	-
55	35	32	83	714	648	-	-	41	457	136	17	20	-	-	52,731	523	152	-
65	39	35	82	669	807	-	15	129	483	148	12	22	-	-	67,575	698	366	31
75	42	39	82	612	944	-	108	161	485	154	12	29	-	-	85,485	849	552	78
85	45	42	81	540	1,056	-	203	216	443	144	14	35	-	-	101,990	981	733	173
95	47	47	81	450	1,134	-	255	254	415	142	15	40	-	-	111,741	1,089	865	307
105	50	51	81	383	1,194	-	297	351	371	141	11	45	-	-	124,914	1,172	984	427
115	52	55	80	324	1,238	-	352	386	310	135	12	51	-	-	131,735	1,230	1,078	553
125	53	59	80	280	1,266	-	364	409	255	127	10	54	-	-	130,979	1,263	1,158	659
135	55	61	79	258	1,309	-	370	502	223	134	9	52	-	-	139,827	1,308	1,231	783
145	56	64	79	237	1,341	-	397	516	186	117	7	55	-	-	141,354	1,341	1,286	852
155	58	65	78	231	1,390	-	436	613	178	130	7	61	-	-	158,152	1,390	1,339	921
165	59	67	78	219	1,420	-	417	633	155	120	9	61	-	-	155,280	1,420	1,385	993
175	60	69	78	212	1,449	-	440	673	132	120	8	59	-	-	161,036	1,449	1,421	1,043
185	61	70	77	202	1,470	-	464	660	142	117	8	60	-	-	163,865	1,470	1,458	1,094
195	62	71	77	195	1,486	-	469	690	127	115	10	63	-	-	166,639	1,486	1,478	1,138
205	62	73	76	188	1,502	-	476	727	112	110	9	64	-	-	170,348	1,502	1,494	1,181
215	63	73	76	186	1,527	-	497	790	105	110	13	68	-	-	180,285	1,527	1,523	1,221
225	64	75	75	178	1,535	-	510	819	93	114	9	75	-	-	184,804	1,535	1,534	1,253
235	65	76	75	174	1,548	-	498	850	90	113	11	78	-	-	186,424	1,548	1,548	1,285
245	65	76	74	172	1,567	-	488	849	74	110	12	78	-	-	183,446	1,567	1,567	1,319

Table 1012 SAU01 Good site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	8	60	792	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	18	84	760	83	-	-	-	23	44	10	3	-	37	5,113	-	-	-
35	24	24	84	756	286	-	-	-	189	67	16	4	-	104	20,779	54	-	-
45	30	28	83	743	463	-	-	5	330	99	11	13	-	154	35,256	292	19	-
55	34	32	83	719	637	-	-	36	444	135	16	19	-	200	50,996	507	144	-
65	39	35	82	673	796	-	18	110	476	146	13	22	-	226	65,333	683	351	31
75	42	38	82	614	934	-	114	160	479	160	12	30	-	261	86,285	837	542	66
85	45	42	81	550	1,050	-	183	199	452	151	13	33	-	270	98,133	969	711	172
95	47	46	81	454	1,126	-	253	271	407	143	14	41	-	284	112,679	1,078	848	286
105	50	51	81	376	1,183	-	295	327	372	140	12	44	-	288	122,017	1,162	972	420
115	52	55	80	321	1,226	-	345	399	290	133	12	49	-	288	130,261	1,217	1,066	532
125	53	58	80	284	1,264	-	364	448	259	131	11	54	-	290	136,061	1,261	1,153	631
135	55	61	79	261	1,304	-	374	485	224	131	9	54	-	288	138,658	1,303	1,219	751
145	56	63	79	241	1,342	-	396	520	200	125	8	56	-	289	143,411	1,342	1,279	850
155	57	65	78	228	1,376	-	430	550	171	126	6	57	-	291	149,213	1,376	1,334	920
165	59	67	78	219	1,412	-	442	620	162	128	8	62	-	306	158,544	1,412	1,379	977
175	60	68	78	211	1,441	-	431	575	154	115	9	54	-	285	150,160	1,441	1,417	1,036
185	61	70	77	201	1,459	-	465	700	128	120	7	64	-	311	167,639	1,459	1,442	1,088
195	62	71	77	196	1,484	-	459	713	118	118	10	63	-	310	168,743	1,484	1,471	1,137
205	62	72	76	188	1,496	-	467	674	108	105	10	64	-	296	164,840	1,496	1,492	1,169
215	63	74	76	181	1,508	-	477	787	92	115	14	71	-	319	179,032	1,508	1,505	1,219
225	64	74	75	178	1,529	-	515	839	96	119	12	79	-	340	192,857	1,529	1,526	1,252
235	65	75	75	176	1,546	-	470	785	90	104	13	76	-	314	179,646	1,546	1,545	1,279
245	65	76	74	173	1,563	-	493	853	88	115	11	81	-	333	191,885	1,563	1,561	1,299

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1081 SAU01 Good site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	8	60	792	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	18	84	760	86	-	-	-	23	46	10	3	-	37	5,268	-	-	-
35	24	24	84	756	154	-	-	-	191	64	16	4	-	99	20,793	54	-	-
45	30	28	83	743	275	-	-	5	189	53	5	10	-	85	20,366	294	19	-
55	34	39	78	294	417	-	-	49	270	88	9	16	-	126	34,446	397	157	-
65	39	44	81	291	577	-	32	130	297	116	10	23	-	166	52,688	560	382	32
75	42	48	81	281	726	-	143	179	278	114	11	29	-	193	72,950	709	600	105
85	45	52	81	271	857	-	218	228	227	110	12	33	-	203	85,081	845	745	219
95	47	55	81	257	969	-	266	310	201	104	13	37	-	221	99,002	961	884	363
105	49	59	81	246	1,066	-	343	405	185	118	15	47	-	255	120,835	1,061	994	532
115	51	61	80	233	1,150	-	368	452	172	116	13	50	-	262	128,760	1,148	1,089	689
125	53	64	80	220	1,217	-	369	454	151	106	9	49	-	250	126,551	1,217	1,168	794
135	55	66	79	212	1,280	-	387	535	123	108	8	53	-	263	136,116	1,279	1,240	899
145	56	68	79	203	1,332	-	429	568	118	106	10	58	-	273	145,664	1,332	1,306	970
155	57	70	78	198	1,377	-	441	705	106	113	9	60	-	301	162,308	1,377	1,358	1,057
165	58	71	78	193	1,423	-	442	700	98	112	10	60	-	294	161,951	1,423	1,409	1,138
175	60	73	78	188	1,461	-	446	743	94	112	11	62	-	300	167,142	1,461	1,451	1,206
185	61	74	77	183	1,491	-	454	702	84	105	11	60	-	286	162,515	1,491	1,488	1,257
195	61	75	77	180	1,523	-	451	777	76	106	10	65	-	299	169,992	1,523	1,521	1,295
205	62	76	76	177	1,549	-	476	856	69	112	12	70	-	317	182,700	1,549	1,546	1,339
215	63	77	76	174	1,570	-	468	830	54	104	12	70	-	307	176,681	1,570	1,570	1,372
225	64	78	75	171	1,592	-	472	834	56	107	11	75	-	307	177,541	1,592	1,592	1,407
235	64	78	75	169	1,611	-	475	873	52	110	11	77	-	315	186,164	1,611	1,611	1,438
245	65	79	75	166	1,626	-	452	864	52	103	10	76	-	306	181,618	1,626	1,626	1,464

Table 1083 SAU01 Good site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	8	60	792	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	18	84	760	86	-	-	-	23	46	10	3	-	37	5,268	-	-	-
35	24	24	84	756	154	-	-	-	191	64	16	4	-	99	20,793	54	-	-
45	30	28	83	743	275	-	-	5	189	53	5	10	-	85	20,366	294	19	-
55	34	39	78	294	417	-	-	49	270	88	9	16	-	126	34,446	397	157	-
65	39	44	81	291	577	-	32	130	297	116	10	23	-	166	52,688	560	382	32
75	42	48	81	281	726	-	143	179	278	114	11	29	-	193	72,950	709	600	105
85	45	52	81	271	857	-	218	228	227	110	12	33	-	203	85,081	845	745	219
95	47	55	81	257	969	-	266	310	201	104	13	37	-	221	99,002	961	884	363
105	49	59	81	246	1,066	-	343	405	185	118	15	47	-	255	120,835	1,061	994	532
115	51	61	80	233	1,150	-	368	452	172	116	13	50	-	262	128,760	1,148	1,089	689
125	53	64	80	220	1,217	-	369	454	151	106	9	49	-	250	126,551	1,217	1,168	794
135	55	66	79	212	1,280	-	387	535	123	108	8	53	-	263	136,116	1,279	1,240	899
145	56	68	79	203	1,332	-	429	568	118	106	10	58	-	273	145,664	1,332	1,306	970
155	57	70	78	198	1,377	-	441	705	106	113	9	60	-	301	162,308	1,377	1,358	1,057
165	58	71	78	193	1,423	-	442	700	98	112	10	60	-	294	161,951	1,423	1,409	1,138
175	60	73	78	188	1,461	-	446	743	94	112	11	62	-	300	167,142	1,461	1,451	1,206
185	61	74	77	183	1,491	-	454	702	84	105	11	60	-	286	162,515	1,491	1,488	1,257
195	61	75	77	180	1,523	-	451	777	76	106	10	65	-	299	169,992	1,523	1,521	1,295
205	62	76	76	177	1,549	-	476	856	69	112	12	70	-	317	182,700	1,549	1,546	1,339
215	63	77	76	174	1,570	-	468	830	54	104	12	70	-	307	176,681	1,570	1,570	1,372
225	64	78	75	171	1,592	-	472	834	56	107	11	75	-	307	177,541	1,592	1,592	1,407
235	64	78	75	169	1,611	-	475	873	52	110	11	77	-	315	186,164	1,611	1,611	1,438
245	65	79	75	166	1,626	-	452	864	52	103	10	76	-	306	181,618	1,626	1,626	1,464

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1015 SAU02 Medium site Fd leading, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	32	471	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	17	78	447	23	-	-	-	0	23	-	-	-	-	1,362	-	-	-
35	18	24	83	442	141	-	-	-	65	49	16	10	-	-	9,862	7	-	-
45	23	29	83	440	246	-	-	-	132	86	10	13	-	-	17,830	131	-	-
55	27	33	83	438	351	-	-	1	209	114	13	19	-	-	26,834	287	8	-
65	31	36	82	436	450	-	-	11	278	130	10	20	-	-	34,875	410	61	-
75	33	38	82	433	541	-	5	34	340	148	9	25	-	-	45,161	508	162	-
85	36	40	81	431	625	-	12	79	355	150	9	25	-	-	52,874	596	282	3
95	38	42	81	428	699	-	28	115	363	144	11	29	-	-	60,131	671	385	12
105	39	43	81	426	767	-	43	149	386	154	12	33	-	-	69,193	740	476	29
115	41	45	80	421	827	-	54	167	368	143	11	33	-	-	70,843	801	547	54
125	42	46	80	417	880	-	73	218	373	157	9	38	-	-	80,911	855	621	83
135	43	47	79	407	925	-	90	264	364	153	10	43	-	-	88,146	903	684	120
145	44	48	79	402	966	-	105	289	354	151	10	46	-	-	92,608	946	737	190
155	45	48	78	396	1,002	-	113	317	353	140	11	51	-	-	96,562	982	791	222
165	46	49	78	388	1,033	-	130	344	342	144	10	51	-	-	101,537	1,015	827	249
175	47	50	78	376	1,057	-	118	371	320	145	10	55	-	-	101,113	1,044	866	286
185	48	51	77	366	1,080	-	133	428	325	149	10	59	-	-	110,920	1,069	894	324
195	49	52	77	357	1,099	-	140	443	309	147	11	57	-	-	112,044	1,090	925	352
205	49	53	76	344	1,113	-	148	442	322	151	10	60	-	-	114,783	1,106	950	393
215	50	54	76	332	1,124	-	164	484	298	147	10	63	-	-	119,754	1,119	974	423
225	50	55	75	320	1,134	-	148	462	264	138	8	60	-	-	111,141	1,130	992	460
235	51	56	75	304	1,136	-	165	530	261	143	9	65	-	-	121,953	1,134	1,011	487
245	51	57	75	292	1,139	-	149	520	246	138	9	65	-	-	116,710	1,137	1,027	530

Table 1016 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	84	890	11	-	-	-	0	11	-	-	-	-	640	-	-	-
35	18	20	84	881	164	-	-	-	77	63	18	2	-	-	11,359	1	-	-
45	23	23	83	875	287	-	-	-	186	75	15	5	-	-	21,508	49	-	-
55	27	26	83	869	392	-	-	-	276	97	13	10	-	-	30,696	186	1	-
65	31	28	82	853	488	-	2	3	328	113	10	18	-	-	36,887	313	28	-
75	33	29	82	819	577	-	11	6	390	135	13	21	-	-	45,730	420	90	-
85	36	31	81	786	659	-	27	15	408	140	15	21	-	-	51,153	508	197	-
95	38	33	81	733	728	-	60	29	445	155	15	24	-	-	61,745	593	293	-
105	39	35	81	694	791	-	102	45	446	155	12	33	-	-	70,180	664	391	17
115	41	36	80	663	848	-	138	67	453	161	13	37	-	-	79,383	726	473	39
125	42	38	80	621	894	-	158	89	426	152	13	38	-	-	82,048	781	546	71
135	44	39	79	586	933	-	204	118	433	157	12	43	-	-	93,482	830	611	87
145	45	41	79	544	964	-	212	134	408	148	12	46	-	-	93,889	873	672	126
155	46	42	78	514	995	-	247	151	385	145	13	50	-	-	99,028	913	719	158
165	47	44	78	479	1,017	-	256	165	367	143	12	50	-	-	100,456	946	762	178
175	47	45	78	445	1,032	-	291	187	353	144	10	53	-	-	106,931	972	803	227
185	48	47	77	414	1,046	-	311	217	354	138	9	58	-	-	113,335	998	833	264
195	49	49	77	376	1,052	-	320	219	318	134	9	58	-	-	111,692	1,015	866	309
205	49	50	76	351	1,061	-	314	246	281	130	8	59	-	-	110,384	1,033	890	356
215	50	51	76	332	1,070	-	358	286	297	139	9	65	-	-	123,739	1,048	909	393
225	51	53	75	314	1,075	-	345	274	277	134	8	61	-	-	118,105	1,060	929	419
235	51	54	75	301	1,082	-	347	266	255	129	9	62	-	-	115,447	1,070	947	452
245	52	55	75	283	1,082	-	336	272	238	120	8	59	-	-	112,393	1,073	962	469

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1017 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	16	80	572	21	-	-	-	0	20	-	-	-	-	1,172	-	-	-
35	18	23	83	566	159	-	-	-	86	50	17	4	-	-	11,380	6	-	-
45	23	27	83	564	274	-	-	-	170	71	12	10	-	-	19,976	104	-	-
55	27	30	83	561	383	-	-	1	249	98	14	14	-	-	28,801	260	13	-
65	31	33	82	558	485	-	1	8	327	136	9	23	-	-	38,911	391	42	-
75	33	35	82	549	579	-	5	21	360	148	11	21	-	-	44,440	495	133	-
85	36	37	81	541	664	-	26	51	412	150	11	23	-	-	55,751	586	265	-
95	38	39	81	526	739	-	43	72	408	146	13	26	-	-	60,423	665	376	14
105	39	40	81	518	808	-	75	101	423	152	11	28	-	-	70,133	737	478	36
115	41	41	80	503	866	-	117	122	442	156	10	36	-	-	81,129	799	560	49
125	42	43	80	490	918	-	140	167	427	154	10	38	-	-	88,434	854	633	77
135	44	44	79	476	964	-	153	187	401	150	11	41	-	-	90,307	904	701	106
145	45	45	79	456	999	-	179	221	396	152	11	48	-	-	98,169	946	758	137
155	46	46	78	443	1,033	-	190	246	370	154	10	49	-	-	100,568	985	812	160
165	46	47	78	420	1,056	-	199	275	362	151	11	50	-	-	104,494	1,013	852	212
175	47	49	78	404	1,080	-	217	312	358	153	9	55	-	-	111,369	1,043	886	262
185	48	50	77	386	1,099	-	237	343	335	148	10	59	-	-	115,875	1,069	914	319
195	49	51	77	364	1,113	-	245	323	312	142	8	58	-	-	112,106	1,090	943	349
205	49	52	76	344	1,123	-	250	382	308	148	8	62	-	-	119,863	1,106	967	371
215	50	54	76	325	1,128	-	246	345	297	140	8	57	-	-	113,367	1,117	989	425
225	51	55	75	313	1,138	-	265	408	282	149	11	60	-	-	123,033	1,130	1,009	463
235	51	56	75	297	1,140	-	273	420	265	140	10	62	-	-	123,604	1,135	1,028	493
245	52	57	75	282	1,141	-	266	407	243	135	8	60	-	-	118,748	1,137	1,041	517

Table 2017 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	16	80	572	29	-	-	-	0	27	-	-	-	-	1,594	-	-	-
35	18	23	83	566	216	-	-	-	116	67	23	6	-	-	15,477	8	-	-
45	23	27	83	564	373	-	-	-	232	97	16	13	-	-	27,168	141	-	-
55	27	30	83	561	521	-	-	2	339	133	19	19	-	-	39,169	353	18	-
65	31	33	82	558	660	-	1	11	445	186	13	32	-	-	52,920	532	57	-
75	33	35	82	549	787	-	6	29	489	201	15	29	-	-	60,438	673	180	-
85	36	37	81	541	903	-	35	69	561	204	15	32	-	-	75,821	796	361	-
95	38	39	81	526	1,005	-	59	98	555	199	17	35	-	-	82,175	905	511	20
105	39	40	81	518	1,099	-	102	137	575	206	15	39	-	-	95,381	1,002	651	50
115	41	41	80	503	1,178	-	159	165	601	213	13	49	-	-	110,336	1,087	762	66
125	42	43	80	490	1,249	-	190	228	581	209	14	51	-	-	120,271	1,162	861	105
135	44	44	79	476	1,310	-	208	254	546	204	15	55	-	-	122,818	1,229	953	144
145	45	45	79	456	1,359	-	244	300	538	207	15	65	-	-	133,510	1,286	1,031	186
155	46	46	78	443	1,405	-	259	335	503	209	13	67	-	-	136,773	1,339	1,105	218
165	46	47	78	420	1,437	-	271	374	492	205	15	69	-	-	142,112	1,378	1,159	289
175	47	49	78	404	1,468	-	295	425	488	208	13	75	-	-	151,461	1,419	1,205	356
185	48	50	77	386	1,495	-	323	467	456	201	14	81	-	-	157,590	1,453	1,243	434
195	49	51	77	364	1,513	-	333	439	424	193	10	79	-	-	152,464	1,482	1,282	475
205	49	52	76	344	1,527	-	340	520	418	202	10	84	-	-	163,013	1,504	1,315	505
215	50	54	76	325	1,534	-	335	469	404	190	10	77	-	-	154,180	1,519	1,345	579
225	51	55	75	313	1,548	-	361	555	384	203	15	82	-	-	167,325	1,537	1,372	630
235	51	56	75	297	1,551	-	371	572	361	190	13	84	-	-	168,102	1,543	1,398	670
245	52	57	75	282	1,552	-	362	554	331	184	11	82	-	-	161,497	1,546	1,416	703

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1018 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	16	74	573	15	-	-	-	0	15	-	-	-	7	924	-	-	-
35	18	22	83	566	152	-	-	-	83	46	17	3	-	68	10,826	3	-	-
45	23	27	83	564	267	-	-	-	174	65	12	10	-	107	19,904	91	-	-
55	27	30	83	561	376	-	-	-	245	89	16	15	-	138	27,902	244	9	-
65	30	33	82	558	477	-	1	7	318	135	9	22	-	174	37,800	377	35	-
75	33	35	82	549	571	-	14	15	371	150	13	23	-	195	46,329	483	119	-
85	36	37	81	543	656	-	36	21	397	149	10	22	-	204	52,410	572	244	-
95	38	38	81	526	732	-	71	44	420	150	12	26	-	224	62,605	652	358	8
105	39	40	81	516	799	-	103	70	422	154	11	30	-	238	70,926	724	464	36
115	41	41	80	505	859	-	127	90	427	153	10	35	-	248	77,423	786	543	48
125	42	42	80	491	911	-	152	119	410	153	10	36	-	253	83,242	842	618	69
135	44	44	79	474	955	-	174	160	396	152	11	41	-	263	90,109	892	683	90
145	45	45	79	456	991	-	186	166	400	148	11	44	-	266	92,824	934	741	133
155	46	46	78	441	1,025	-	220	214	372	152	10	49	-	278	101,495	974	797	156
165	46	47	78	422	1,051	-	233	249	359	150	10	53	-	284	106,256	1,006	842	199
175	47	48	78	406	1,074	-	262	290	352	160	9	57	-	300	115,519	1,034	877	252
185	48	50	77	381	1,088	-	268	299	343	154	9	60	-	298	116,422	1,059	907	302
195	49	51	77	362	1,103	-	266	301	307	145	9	58	-	282	112,522	1,078	933	339
205	49	52	76	347	1,116	-	269	339	306	146	9	61	-	292	118,969	1,097	958	366
215	50	53	76	327	1,124	-	282	334	286	137	9	58	-	283	118,099	1,113	980	407
225	51	54	75	313	1,133	-	288	385	273	144	10	63	-	294	125,290	1,124	999	449
235	51	55	75	298	1,136	-	304	390	268	147	9	61	-	297	127,076	1,129	1,019	474
245	51	57	75	284	1,136	-	297	401	245	139	9	63	-	289	125,873	1,133	1,035	498

Table 2018 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	16	74	573	21	-	-	-	0	21	-	-	-	9	1,275	-	-	-
35	18	22	83	566	210	-	-	-	114	63	23	5	-	93	14,939	5	-	-
45	23	27	83	564	369	-	-	-	241	89	16	13	-	148	27,468	125	-	-
55	27	30	83	561	518	-	-	-	338	123	22	21	-	190	38,505	337	12	-
65	30	33	82	558	659	-	1	9	438	186	13	31	-	240	52,164	520	49	-
75	33	35	82	549	788	-	19	21	511	207	17	32	-	269	63,934	666	165	-
85	36	37	81	543	906	-	49	29	548	205	14	31	-	281	72,326	790	337	-
95	38	38	81	526	1,009	-	98	61	579	206	16	36	-	310	86,395	900	494	11
105	39	40	81	516	1,103	-	142	96	583	212	16	42	-	328	97,877	999	640	50
115	41	41	80	505	1,185	-	175	125	589	212	14	48	-	342	106,844	1,084	749	66
125	42	42	80	491	1,257	-	210	165	566	211	14	50	-	350	114,874	1,162	852	95
135	44	44	79	474	1,318	-	241	221	547	210	15	56	-	363	124,351	1,231	942	124
145	45	45	79	456	1,368	-	257	229	552	205	15	60	-	367	128,098	1,289	1,023	183
155	46	46	78	441	1,415	-	304	296	513	209	14	67	-	383	140,064	1,343	1,099	215
165	46	47	78	422	1,450	-	321	343	496	207	14	74	-	392	146,633	1,388	1,162	274
175	47	48	78	406	1,482	-	362	400	486	220	12	78	-	414	159,416	1,427	1,211	348
185	48	50	77	381	1,502	-	370	413	473	212	13	83	-	411	160,662	1,461	1,252	416
195	49	51	77	362	1,522	-	367	415	423	200	13	80	-	389	155,281	1,488	1,287	468
205	49	52	76	347	1,540	-	371	468	422	201	12	84	-	403	164,177	1,514	1,322	505
215	50	53	76	327	1,551	-	389	461	394	189	13	80	-	391	162,977	1,536	1,353	561
225	51	54	75	313	1,563	-	397	531	376	199	14	86	-	406	172,901	1,551	1,379	619
235	51	55	75	298	1,568	-	419	538	370	203	13	84	-	409	175,365	1,558	1,406	654
245	51	57	75	284	1,568	-	409	554	338	192	13	87	-	398	173,704	1,563	1,429	688

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1085 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	16	76	573	15	-	-	-	0	15	-	-	-	7	924	-	-	-
35	18	22	83	566	56	-	-	-	85	45	16	4	-	65	10,995	3	-	-
45	23	27	83	564	141	-	-	-	177	65	11	10	-	102	20,076	91	-	-
55	27	30	83	561	230	-	-	-	157	64	11	13	-	89	18,483	246	9	-
65	31	37	76	297	334	-	2	8	212	105	6	17	-	118	26,790	309	38	-
75	33	40	79	294	420	-	16	18	261	111	9	19	-	138	34,764	402	147	-
85	36	43	80	293	504	-	49	34	282	110	9	21	-	153	43,599	485	288	-
95	38	45	81	291	581	-	95	50	274	114	10	24	-	166	51,980	564	408	19
105	40	47	80	290	651	-	130	85	263	111	8	32	-	178	60,362	635	511	38
115	41	48	80	288	714	-	167	125	274	114	8	39	-	202	71,948	699	589	61
125	42	50	80	285	770	-	198	155	240	112	10	40	-	203	77,122	756	654	94
135	44	51	79	283	821	-	214	188	224	116	10	42	-	210	82,309	807	723	145
145	45	53	79	276	863	-	237	210	219	114	10	47	-	219	87,922	851	771	186
155	46	54	78	274	903	-	246	245	216	117	9	49	-	226	93,293	891	815	228
165	47	55	78	269	937	-	279	291	196	122	11	53	-	243	103,046	926	855	303
175	47	56	78	263	966	-	289	310	180	116	10	56	-	241	105,235	956	891	359
185	48	57	77	257	992	-	286	305	184	112	8	56	-	236	104,148	983	919	419
195	49	58	77	252	1,015	-	299	330	169	114	9	56	-	243	107,821	1,009	946	472
205	49	59	76	247	1,036	-	295	363	160	114	10	57	-	244	110,448	1,031	970	502
215	50	59	76	241	1,054	-	322	398	162	118	8	60	-	260	119,720	1,050	993	546
225	51	60	75	234	1,067	-	306	387	147	112	11	61	-	248	116,139	1,065	1,014	572
235	51	61	75	226	1,078	-	304	415	148	110	11	58	-	252	118,836	1,076	1,031	608
245	52	62	75	223	1,093	-	311	424	145	115	11	60	-	257	122,875	1,092	1,046	634

Table 2085 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned, commercially thinned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	16	76	573	20	-	-	-	0	20	-	-	-	9	1,210	-	-	-
35	18	22	83	566	200	-	-	-	111	59	22	5	-	85	14,404	4	-	-
45	23	27	83	564	350	-	-	-	149	52	10	11	-	89	16,902	119	-	-
55	27	34	77	298	339	-	-	1	203	95	17	19	-	121	24,881	287	16	-
65	31	38	81	297	463	-	3	6	269	140	8	22	-	152	34,158	431	74	-
75	33	41	81	294	583	-	33	28	352	150	11	29	-	192	49,269	562	248	-
85	36	44	81	293	695	-	90	54	384	163	13	33	-	225	64,657	676	436	-
95	38	46	81	291	798	-	141	86	355	155	14	35	-	230	73,139	780	585	30
105	40	48	81	290	890	-	186	123	351	152	13	39	-	245	83,712	874	711	59
115	41	49	80	288	974	-	238	188	324	155	12	46	-	267	97,125	958	812	96
125	42	51	80	287	1,048	-	267	238	329	161	18	54	-	288	108,754	1,034	903	135
135	44	52	79	284	1,115	-	282	261	289	155	13	55	-	280	109,637	1,100	983	213
145	45	53	79	280	1,173	-	325	325	277	157	14	63	-	302	122,826	1,160	1,054	287
155	46	54	78	275	1,223	-	337	355	275	161	13	63	-	309	128,088	1,212	1,119	365
165	47	55	78	271	1,268	-	362	402	273	165	12	67	-	326	137,442	1,257	1,165	433
175	47	56	78	268	1,309	-	356	416	243	158	12	65	-	314	135,064	1,298	1,207	498
185	48	57	77	263	1,343	-	393	489	245	163	14	71	-	341	149,786	1,335	1,245	560
195	49	58	77	257	1,372	-	375	480	234	157	11	71	-	326	144,533	1,367	1,281	646
205	49	59	76	252	1,401	-	369	513	228	153	12	72	-	330	146,873	1,395	1,314	699
215	50	60	76	245	1,423	-	389	547	218	157	12	72	-	339	154,015	1,420	1,342	746
225	50	61	75	240	1,443	-	410	601	221	162	15	78	-	359	165,501	1,440	1,369	809
235	51	62	75	233	1,459	-	416	587	183	146	14	79	-	341	159,576	1,458	1,391	844
245	51	62	75	228	1,474	-	411	609	197	144	14	82	-	347	163,682	1,472	1,411	884

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1087 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	16	80	572	21	-	-	-	0	20	-	-	-	-	1,172	-	-	-
35	18	23	83	566	159	-	-	-	86	50	17	4	-	-	11,380	6	-	-
45	23	27	83	564	170	-	-	-	170	71	12	10	-	-	19,976	104	-	-
55	27	30	83	561	255	-	-	1	157	70	10	11	-	-	18,880	260	13	-
65	31	37	76	297	335	-	1	9	219	105	6	18	-	-	27,405	318	50	-
75	33	40	79	295	428	-	8	31	271	110	8	19	-	-	35,833	410	158	-
85	36	43	80	294	512	-	35	55	280	105	10	20	-	-	43,454	494	307	-
95	38	45	81	292	589	-	79	75	282	112	10	25	-	-	53,076	572	424	27
105	40	47	80	290	660	-	111	115	271	108	10	31	-	-	61,615	645	519	38
115	41	49	80	289	723	-	140	147	273	116	8	39	-	-	70,434	708	596	70
125	42	50	80	286	779	-	157	166	235	106	7	37	-	-	71,170	766	666	103
135	44	51	79	284	830	-	201	241	225	123	10	46	-	-	86,993	817	727	154
145	45	53	79	277	873	-	211	249	220	117	9	49	-	-	88,925	861	778	194
155	46	54	78	274	912	-	238	289	214	121	9	51	-	-	97,415	901	822	238
165	47	55	78	270	945	-	244	314	201	119	10	52	-	-	99,838	934	862	309
175	47	56	78	265	975	-	252	344	196	120	8	54	-	-	104,131	966	899	372
185	48	57	77	259	1,002	-	258	352	181	116	8	56	-	-	104,625	993	929	418
195	49	58	77	253	1,024	-	267	385	168	116	10	58	-	-	108,672	1,018	957	483
205	50	59	76	246	1,045	-	268	388	162	113	9	57	-	-	108,318	1,040	982	532
215	50	60	76	241	1,063	-	300	448	171	126	10	62	-	-	122,032	1,060	1,006	553
225	51	61	75	234	1,076	-	285	430	145	109	10	57	-	-	114,034	1,074	1,024	597
235	51	62	75	227	1,087	-	315	463	144	113	8	60	-	-	122,606	1,085	1,040	634
245	52	62	75	225	1,102	-	300	490	140	115	12	66	-	-	123,815	1,099	1,055	673

Table 2087 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, commercially thinned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	16	80	572	31	-	-	-	0	29	-	-	-	-	1,735	-	-	-
35	18	23	83	566	235	-	-	-	127	73	25	6	-	-	16,843	8	-	-
45	23	27	83	564	252	-	-	-	252	106	18	14	-	-	29,565	154	-	-
55	27	30	83	561	378	-	-	2	233	104	14	17	-	-	27,942	384	20	-
65	31	37	76	297	496	-	1	13	325	155	9	27	-	-	40,560	471	74	-
75	33	40	79	295	633	-	12	46	401	162	12	28	-	-	53,033	607	234	-
85	36	43	80	294	757	-	52	82	415	156	14	29	-	-	64,312	731	455	-
95	38	45	81	292	872	-	116	111	418	166	15	36	-	-	78,553	847	628	39
105	40	47	80	290	976	-	165	170	402	160	14	45	-	-	91,190	955	769	56
115	41	49	80	289	1,070	-	207	217	404	172	12	58	-	-	104,242	1,048	881	103
125	42	50	80	286	1,153	-	233	245	348	156	11	55	-	-	105,331	1,133	986	152
135	44	51	79	284	1,228	-	297	356	333	181	15	68	-	-	128,750	1,209	1,076	227
145	45	53	79	277	1,292	-	313	369	326	173	14	72	-	-	131,609	1,274	1,151	288
155	46	54	78	274	1,349	-	353	428	317	180	13	76	-	-	144,174	1,333	1,217	352
165	47	55	78	270	1,398	-	361	464	298	176	14	77	-	-	147,760	1,382	1,276	458
175	47	56	78	265	1,442	-	373	509	290	178	12	80	-	-	154,114	1,429	1,331	551
185	48	57	77	259	1,483	-	382	522	268	172	12	83	-	-	154,845	1,470	1,375	618
195	49	58	77	253	1,516	-	395	569	249	171	14	86	-	-	160,835	1,506	1,416	715
205	50	59	76	246	1,547	-	396	574	240	167	13	84	-	-	160,310	1,539	1,454	787
215	50	60	76	241	1,573	-	445	664	253	186	15	92	-	-	180,607	1,568	1,488	818
225	51	61	75	234	1,593	-	421	636	215	161	15	84	-	-	168,770	1,590	1,516	883
235	51	62	75	227	1,609	-	466	685	214	167	12	89	-	-	181,457	1,606	1,539	939
245	52	62	75	225	1,630	-	445	725	208	171	18	97	-	-	183,247	1,627	1,562	996

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1089 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	84	890	11	-	-	-	0	11	-	-	-	-	640	-	-	-
35	18	20	84	881	164	-	-	-	77	63	18	2	-	-	11,359	1	-	-
45	23	23	83	875	181	-	-	-	186	75	15	5	-	-	21,508	49	-	-
55	27	26	83	869	262	-	-	-	197	59	8	8	-	-	21,285	186	1	-
65	31	32	78	397	345	-	2	2	247	75	6	16	-	-	27,219	282	28	-
75	33	35	80	394	432	-	12	9	285	93	9	18	-	-	34,234	381	96	-
85	36	37	81	391	514	-	40	24	318	109	12	21	-	-	44,339	469	211	-
95	38	40	81	383	589	-	75	36	326	119	10	25	-	-	52,176	546	326	8
105	39	41	81	377	657	-	108	50	312	117	10	30	-	-	57,677	615	428	29
115	41	43	80	372	718	-	157	78	299	125	8	37	-	-	67,734	678	515	48
125	42	45	80	359	771	-	187	106	307	125	10	41	-	-	76,550	735	594	92
135	43	46	79	354	821	-	225	119	291	126	11	43	-	-	82,530	785	660	119
145	45	47	79	342	862	-	253	144	283	126	12	46	-	-	88,993	830	711	159
155	46	48	78	335	899	-	285	157	254	129	12	50	-	-	93,169	870	750	197
165	46	50	78	326	933	-	297	180	242	125	13	53	-	-	96,436	905	791	231
175	47	51	78	313	959	-	327	208	232	121	13	54	-	-	103,240	935	828	282
185	48	53	77	296	981	-	342	216	225	120	10	59	-	-	105,837	962	857	316
195	49	54	77	286	1,001	-	364	238	219	123	9	59	-	-	111,144	987	887	364
205	49	55	76	279	1,021	-	354	265	206	121	9	60	-	-	111,604	1,007	911	410
215	50	56	76	267	1,033	-	393	277	215	122	8	66	-	-	119,989	1,023	932	436
225	51	57	75	257	1,045	-	389	278	197	121	10	64	-	-	117,905	1,039	950	483
235	51	58	75	249	1,055	-	396	301	175	119	9	63	-	-	119,452	1,051	968	518
245	52	59	75	238	1,063	-	394	308	167	116	10	63	-	-	119,199	1,060	986	547

Table 2089 SAU02 Medium site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	59	939	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	84	890	15	-	-	-	0	14	-	-	-	-	870	-	-	-
35	18	20	84	881	222	-	-	-	104	86	24	3	-	-	15,449	2	-	-
45	23	23	83	875	246	-	-	-	253	103	20	7	-	-	29,250	66	-	-
55	27	26	83	869	356	-	-	-	269	80	10	11	-	-	28,947	252	2	-
65	31	32	78	397	469	-	2	2	336	101	8	22	-	-	37,018	383	38	-
75	33	35	80	394	588	-	17	12	387	126	12	25	-	-	46,558	518	131	-
85	36	37	81	391	699	-	55	33	433	148	17	28	-	-	60,301	637	287	-
95	38	40	81	383	801	-	102	49	443	162	13	35	-	-	70,959	742	443	11
105	39	41	81	377	894	-	147	68	424	159	14	41	-	-	78,440	837	582	39
115	41	43	80	372	977	-	213	106	406	170	11	50	-	-	92,119	923	700	65
125	42	45	80	359	1,049	-	254	145	418	170	14	56	-	-	104,108	999	809	125
135	43	46	79	354	1,117	-	306	162	396	171	15	59	-	-	112,241	1,067	897	162
145	45	47	79	342	1,172	-	344	195	385	171	16	62	-	-	121,031	1,129	966	216
155	46	48	78	335	1,223	-	387	213	346	175	16	69	-	-	126,710	1,183	1,020	267
165	46	50	78	326	1,268	-	403	244	329	169	18	72	-	-	131,152	1,231	1,076	314
175	47	51	78	313	1,304	-	444	283	316	165	18	73	-	-	140,407	1,271	1,126	383
185	48	53	77	296	1,334	-	465	294	306	163	14	80	-	-	143,938	1,309	1,166	430
195	49	54	77	286	1,362	-	495	323	298	167	12	80	-	-	151,156	1,342	1,207	494
205	49	55	76	279	1,389	-	481	360	280	165	13	82	-	-	151,781	1,369	1,238	558
215	50	56	76	267	1,405	-	534	377	293	166	11	89	-	-	163,185	1,392	1,267	594
225	51	57	75	257	1,422	-	529	378	268	165	14	87	-	-	160,350	1,413	1,292	657
235	51	58	75	249	1,435	-	539	410	238	162	12	85	-	-	162,454	1,429	1,316	705
245	52	59	75	238	1,446	-	536	419	228	158	13	86	-	-	162,110	1,441	1,340	744

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1025 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	14	84	1,189	4	-	-	-	0	4	-	-	-	-	227	-	-	-
35	19	18	84	1,177	150	-	-	-	61	70	16	2	-	-	10,033	1	-	-
45	23	21	83	1,166	279	-	-	-	165	83	16	3	-	-	19,709	29	-	-
55	27	23	83	1,132	383	-	-	1	265	98	12	8	-	-	29,069	151	7	-
65	31	25	82	1,080	480	-	-	6	328	119	12	19	-	-	36,605	283	21	-
75	33	27	82	994	570	-	9	13	374	140	17	22	-	-	44,148	398	68	-
85	36	29	81	934	651	-	28	14	388	153	15	21	-	-	49,054	500	161	-
95	38	30	81	865	722	-	53	27	429	163	16	27	-	-	58,417	583	272	17
105	39	32	81	800	784	-	89	41	433	164	16	31	-	-	65,754	657	356	31
115	41	34	80	742	840	-	129	56	434	169	14	38	-	-	74,069	718	446	44
125	42	36	80	667	884	-	153	62	423	163	13	40	-	-	76,898	774	519	60
135	44	38	79	609	924	-	205	99	425	167	13	48	-	-	89,578	824	586	91
145	45	39	79	564	957	-	209	99	402	153	12	48	-	-	87,178	868	646	117
155	46	41	78	531	987	-	243	121	381	154	12	53	-	-	93,310	908	693	150
165	46	43	78	478	1,005	-	280	138	373	154	11	55	-	-	99,824	940	740	191
175	47	45	78	430	1,018	-	292	165	354	145	11	57	-	-	102,559	969	786	213
185	48	47	77	399	1,035	-	307	184	358	145	11	58	-	-	107,475	995	820	251
195	49	48	77	378	1,052	-	327	203	330	131	10	62	-	-	109,364	1,018	856	284
205	49	49	76	360	1,065	-	337	223	307	133	9	62	-	-	111,212	1,037	885	314
215	50	51	76	335	1,072	-	358	240	297	139	10	63	-	-	115,789	1,051	906	357
225	51	52	75	319	1,080	-	351	248	299	131	7	67	-	-	115,336	1,063	928	392
235	51	53	75	302	1,084	-	371	268	275	132	8	68	-	-	118,800	1,073	944	421
245	52	55	75	281	1,083	-	363	256	247	126	10	64	-	-	113,374	1,074	962	454

Table 1026 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	15	83	764	13	-	-	-	0	13	0	-	-	-	773	-	-	-
35	19	21	83	756	167	-	-	-	86	58	18	3	-	-	11,594	4	-	-
45	23	25	83	751	289	-	-	-	187	71	15	7	-	-	20,920	60	-	-
55	27	27	83	746	397	-	-	1	280	97	11	11	-	-	30,329	204	9	-
65	31	29	82	737	497	-	1	9	351	115	10	21	-	-	38,890	347	34	-
75	33	31	82	719	587	-	7	9	394	130	13	23	-	-	44,472	459	88	-
85	36	33	81	696	670	-	25	22	425	145	14	24	-	-	52,219	552	192	-
95	38	35	81	666	743	-	55	32	439	154	15	28	-	-	59,505	631	281	28
105	40	36	81	645	807	-	82	53	439	155	13	32	-	-	65,989	706	385	31
115	41	37	80	622	864	-	113	79	444	161	12	35	-	-	74,438	768	464	44
125	42	39	80	589	911	-	141	101	443	157	11	41	-	-	80,854	822	536	56
135	44	40	79	552	950	-	151	112	426	158	10	40	-	-	82,046	871	599	106
145	45	42	79	527	985	-	207	158	420	163	11	50	-	-	95,741	914	652	139
155	46	43	78	499	1,015	-	220	145	438	164	11	50	-	-	97,739	952	705	172
165	46	45	78	463	1,035	-	241	168	387	151	11	53	-	-	98,437	982	754	209
175	47	46	78	426	1,049	-	264	220	370	148	10	57	-	-	106,174	1,009	791	223
185	48	48	77	400	1,062	-	261	216	351	139	9	55	-	-	103,105	1,031	828	261
195	49	49	77	380	1,075	-	285	240	347	155	9	58	-	-	109,910	1,050	859	317
205	50	50	76	355	1,082	-	303	254	349	155	11	62	-	-	114,651	1,064	887	347
215	50	51	76	338	1,091	-	311	277	311	144	11	60	-	-	114,437	1,076	909	377
225	51	53	75	319	1,094	-	295	261	296	133	9	59	-	-	108,292	1,085	937	398
235	51	54	75	299	1,094	-	321	299	283	133	10	64	-	-	115,404	1,089	957	432
245	52	55	75	286	1,101	-	325	299	284	137	10	64	-	-	116,367	1,099	974	443

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 2026 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	15	83	764	20	-	-	-	1	18	0	-	-	-	1,129	-	-	-
35	19	21	83	756	243	-	-	-	126	84	26	4	-	-	16,927	7	-	-
45	23	25	83	751	421	-	-	-	273	104	22	10	-	-	30,542	88	-	-
55	27	27	83	746	580	-	-	1	409	141	16	16	-	-	44,280	297	13	-
65	31	29	82	737	725	-	1	13	513	168	15	31	-	-	56,778	506	49	-
75	33	31	82	719	858	-	10	13	575	190	18	34	-	-	64,928	670	129	-
85	36	33	81	696	979	-	37	33	620	212	21	35	-	-	76,238	805	281	-
95	38	35	81	666	1,085	-	80	47	641	224	21	41	-	-	86,875	921	410	41
105	40	36	81	645	1,178	-	119	77	641	227	19	46	-	-	96,341	1,031	562	46
115	41	37	80	622	1,261	-	166	116	649	235	17	51	-	-	108,677	1,121	678	64
125	42	39	80	589	1,330	-	206	147	647	230	16	60	-	-	118,045	1,201	783	82
135	44	40	79	552	1,387	-	220	163	623	231	15	58	-	-	119,785	1,271	874	155
145	45	42	79	527	1,438	-	302	230	614	238	17	74	-	-	139,778	1,335	952	203
155	46	43	78	499	1,482	-	321	212	639	240	16	73	-	-	142,696	1,390	1,029	252
165	46	45	78	463	1,511	-	352	245	565	220	16	77	-	-	143,715	1,434	1,101	306
175	47	46	78	426	1,531	-	386	321	540	216	14	83	-	-	155,010	1,474	1,155	325
185	48	48	77	400	1,550	-	381	315	512	203	14	81	-	-	150,529	1,505	1,209	381
195	49	49	77	380	1,570	-	415	350	506	227	13	85	-	-	160,465	1,532	1,255	462
205	50	50	76	355	1,580	-	443	371	509	226	16	91	-	-	167,386	1,554	1,296	506
215	50	51	76	338	1,593	-	454	404	454	210	15	88	-	-	167,074	1,572	1,327	551
225	51	53	75	319	1,598	-	431	380	433	194	13	87	-	-	158,103	1,585	1,367	582
235	51	54	75	299	1,598	-	468	436	413	194	14	93	-	-	168,485	1,590	1,397	631
245	52	55	75	286	1,608	-	475	436	414	200	15	94	-	-	169,892	1,604	1,421	647

Table 1027 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	79	764	10	-	-	-	0	9	-	-	-	4	556	-	-	-
35	19	21	83	756	159	-	-	-	81	58	16	3	-	69	11,076	3	-	-
45	23	24	83	751	282	-	-	-	180	69	14	6	-	107	20,179	53	-	-
55	27	27	83	746	389	-	-	1	278	93	11	10	-	144	29,871	188	9	-
65	31	29	82	738	489	-	1	8	345	114	10	21	-	172	38,166	338	30	-
75	33	31	82	717	580	-	14	11	377	129	12	23	-	185	44,060	446	86	-
85	36	33	81	696	662	-	30	16	418	145	16	23	-	204	51,649	539	182	-
95	38	34	81	666	734	-	56	34	435	151	15	28	-	219	59,399	621	274	25
105	39	36	81	644	799	-	79	45	455	159	14	32	-	232	66,297	693	369	31
115	41	37	80	619	856	-	119	67	451	159	12	38	-	245	74,559	758	460	47
125	42	38	80	591	904	-	135	86	449	163	12	40	-	250	79,156	812	523	59
135	43	40	79	548	942	-	165	111	435	157	12	41	-	255	84,794	861	593	102
145	45	42	79	522	977	-	192	126	424	160	10	50	-	263	90,047	903	642	130
155	46	43	78	499	1,008	-	218	150	424	164	12	51	-	273	96,955	942	697	167
165	46	44	78	466	1,029	-	235	188	398	157	12	54	-	275	101,196	975	739	205
175	47	46	78	428	1,043	-	268	208	395	155	10	59	-	283	108,057	1,002	781	222
185	48	47	77	401	1,057	-	273	226	347	150	10	54	-	270	106,130	1,023	818	260
195	49	48	77	381	1,071	-	272	228	345	148	11	55	-	269	106,100	1,044	847	307
205	49	50	76	359	1,081	-	306	258	337	152	10	61	-	281	114,110	1,062	873	333
215	50	51	76	340	1,088	-	323	292	309	154	10	64	-	284	118,425	1,073	899	376
225	51	52	75	325	1,094	-	304	279	300	142	10	59	-	269	113,993	1,083	923	397
235	51	54	75	303	1,093	-	315	292	286	140	9	64	-	270	116,143	1,085	942	413
245	52	55	75	289	1,098	-	336	314	283	142	11	66	-	279	121,847	1,094	962	442

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 2027 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	79	764	15	-	-	-	0	14	-	-	-	6	823	-	-	-
35	19	21	83	756	235	-	-	-	120	86	24	4	-	102	16,392	5	-	-
45	23	24	83	751	417	-	-	-	267	103	21	9	-	159	29,864	78	-	-
55	27	27	83	746	576	-	-	1	411	137	17	15	-	213	44,208	278	13	-
65	31	29	82	738	724	-	1	12	511	169	15	32	-	255	56,485	500	45	-
75	33	31	82	717	858	-	20	16	558	190	18	33	-	274	65,207	661	128	-
85	36	33	81	696	980	-	44	23	619	214	23	35	-	303	76,439	798	270	-
95	38	34	81	666	1,086	-	83	50	643	224	23	42	-	324	87,909	919	406	36
105	39	36	81	644	1,182	-	117	66	673	235	20	48	-	343	98,119	1,025	547	46
115	41	37	80	619	1,267	-	177	100	667	235	18	56	-	362	110,346	1,121	681	70
125	42	38	80	591	1,338	-	200	128	664	241	18	59	-	370	117,149	1,202	773	88
135	43	40	79	548	1,394	-	245	164	644	232	17	60	-	377	125,494	1,274	878	151
145	45	42	79	522	1,446	-	284	187	627	237	15	74	-	389	133,268	1,336	951	192
155	46	43	78	499	1,492	-	322	222	628	242	18	76	-	404	143,491	1,394	1,032	247
165	46	44	78	466	1,524	-	348	278	589	232	18	80	-	407	149,768	1,442	1,093	303
175	47	46	78	428	1,543	-	397	308	584	229	15	87	-	419	159,923	1,482	1,156	328
185	48	47	77	401	1,565	-	403	334	514	222	14	81	-	400	157,071	1,514	1,211	384
195	49	48	77	381	1,585	-	402	338	511	219	16	82	-	398	157,026	1,545	1,254	454
205	49	50	76	359	1,600	-	453	381	498	224	15	90	-	417	168,881	1,572	1,292	494
215	50	51	76	340	1,610	-	478	433	457	228	15	95	-	421	175,267	1,588	1,330	556
225	51	52	75	325	1,620	-	450	412	444	210	15	87	-	399	168,707	1,603	1,366	588
235	51	54	75	303	1,618	-	467	432	423	207	14	94	-	400	171,890	1,606	1,394	611
245	52	55	75	289	1,625	-	498	465	419	210	16	97	-	413	180,331	1,620	1,424	654

Table 1091 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	81	764	10	-	-	-	0	9	-	-	-	4	556	-	-	-
35	19	21	83	756	161	-	-	-	86	54	17	2	-	65	11,313	3	-	-
45	23	24	83	751	160	-	-	-	180	70	14	6	-	98	20,160	53	-	-
55	27	27	83	746	232	-	-	1	278	95	11	10	-	132	29,970	191	9	-
65	31	34	73	299	303	-	2	7	202	67	6	15	-	95	22,857	264	31	-
75	33	38	78	295	383	-	15	12	235	84	7	17	-	112	29,460	355	103	-
85	36	40	80	293	462	-	40	28	282	101	11	22	-	138	40,090	439	216	3
95	38	43	80	288	536	-	71	35	262	102	10	26	-	139	43,951	516	332	29
105	39	45	80	283	604	-	120	65	255	106	10	31	-	155	54,420	585	438	37
115	41	47	80	280	666	-	142	86	252	107	9	38	-	165	60,082	648	521	57
125	42	49	80	274	721	-	198	118	241	117	10	45	-	185	71,868	704	592	95
135	44	50	79	269	769	-	232	141	238	111	9	49	-	194	78,947	753	656	158
145	45	52	79	263	812	-	231	154	214	107	9	48	-	186	77,868	798	703	191
155	46	53	78	260	852	-	281	190	208	114	10	53	-	207	89,512	838	750	227
165	46	54	78	256	886	-	283	218	180	112	9	56	-	205	90,613	874	792	264
175	47	55	78	251	916	-	320	246	176	111	10	60	-	217	98,925	905	829	325
185	48	56	77	245	941	-	313	240	170	112	9	56	-	209	96,639	932	864	352
195	49	57	77	239	965	-	326	260	181	114	10	62	-	220	103,418	958	893	407
205	49	58	76	235	986	-	333	274	153	109	10	62	-	215	102,806	979	916	460
215	50	59	76	231	1,005	-	344	297	160	106	11	63	-	225	107,588	999	938	485
225	51	59	75	227	1,022	-	349	345	151	114	9	65	-	234	115,780	1,017	958	524
235	51	60	75	221	1,036	-	356	357	148	117	10	67	-	239	119,065	1,033	976	555
245	52	61	75	219	1,051	-	384	363	143	116	12	70	-	248	125,301	1,047	993	573

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 2091 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, pruned, commercially thinned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	13	15	81	764	13	-	-	-	0	12	-	-	-	5	712	-	-	-
35	19	21	83	756	203	-	-	-	110	70	22	3	-	83	14,481	4	-	-
45	23	24	83	751	361	-	-	-	231	89	18	7	-	126	25,804	67	-	-
55	27	31	72	298	295	-	-	1	202	81	11	15	-	106	23,092	221	14	-
65	31	35	79	297	408	-	6	9	258	110	8	21	-	131	31,347	370	59	-
75	33	39	81	293	520	-	32	16	304	120	10	26	-	154	40,759	496	176	-
85	36	42	81	288	627	-	66	36	323	138	15	31	-	175	51,060	606	337	14
95	38	44	81	285	725	-	120	71	335	154	16	42	-	204	65,386	703	488	37
105	39	47	80	280	814	-	180	125	331	155	17	44	-	229	80,120	793	620	53
115	41	48	80	276	892	-	203	132	305	142	16	46	-	220	81,356	875	712	85
125	42	50	80	273	964	-	261	183	288	149	13	52	-	242	94,751	947	808	149
135	44	51	79	268	1,028	-	294	253	279	152	14	58	-	263	106,997	1,013	887	198
145	45	53	79	264	1,084	-	329	266	282	155	14	59	-	273	114,117	1,070	960	274
155	46	54	78	260	1,134	-	334	276	267	148	14	59	-	268	114,252	1,121	1,020	329
165	47	55	78	255	1,177	-	390	373	240	154	11	71	-	299	131,782	1,166	1,074	375
175	47	56	78	249	1,216	-	364	349	230	140	10	71	-	276	123,635	1,207	1,119	477
185	48	57	77	245	1,250	-	392	386	230	142	10	73	-	289	132,137	1,243	1,163	524
195	49	58	77	240	1,282	-	383	382	224	137	12	70	-	280	129,464	1,276	1,197	584
205	49	59	76	236	1,309	-	423	430	231	143	10	77	-	304	142,809	1,305	1,227	616
215	50	60	76	231	1,331	-	436	442	213	144	12	78	-	303	143,744	1,328	1,258	657
225	51	60	75	229	1,355	-	407	454	194	142	12	78	-	295	141,188	1,352	1,282	698
235	51	61	75	224	1,372	-	428	484	204	147	10	82	-	306	147,885	1,371	1,303	722
245	52	62	75	220	1,391	-	457	532	187	149	13	86	-	322	158,656	1,389	1,326	761

Table 1093 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	15	83	764	13	-	-	-	0	13	0	-	-	-	773	-	-	-
35	19	21	83	756	167	-	-	-	86	58	18	3	-	-	11,594	4	-	-
45	23	25	83	751	162	-	-	-	187	71	15	7	-	-	20,920	60	-	-
55	27	27	83	746	234	-	-	1	280	97	11	11	-	-	30,329	204	9	-
65	31	35	73	299	307	-	1	9	204	68	6	15	-	-	23,195	269	35	-
75	33	38	78	295	385	-	12	15	240	79	8	17	-	-	29,366	359	115	-
85	36	41	80	293	466	-	40	36	280	102	12	23	-	-	41,051	443	225	8
95	38	43	80	288	539	-	68	49	266	108	10	25	-	-	45,765	519	348	29
105	39	45	80	284	606	-	118	72	250	105	12	29	-	-	54,412	589	444	37
115	41	47	80	280	668	-	142	100	253	109	10	38	-	-	61,955	651	526	62
125	42	49	80	275	723	-	187	118	239	111	8	42	-	-	69,523	707	598	103
135	44	50	79	268	772	-	232	137	241	112	10	49	-	-	78,845	758	661	162
145	45	52	79	263	815	-	243	171	202	113	10	51	-	-	81,085	801	708	192
155	46	53	78	260	855	-	283	181	218	115	12	53	-	-	89,833	841	752	228
165	47	54	78	254	887	-	285	207	195	107	9	58	-	-	90,709	877	794	264
175	47	55	78	250	918	-	291	230	173	106	9	56	-	-	92,212	909	830	317
185	48	56	77	245	944	-	318	273	169	108	8	61	-	-	100,841	935	864	358
195	49	57	77	237	966	-	345	284	167	112	9	63	-	-	106,139	959	893	423
205	49	58	76	233	987	-	341	280	155	114	11	62	-	-	104,454	981	916	460
215	50	59	76	231	1,007	-	356	315	152	115	12	65	-	-	110,402	1,002	938	488
225	51	60	75	226	1,023	-	364	306	159	111	8	64	-	-	110,873	1,018	957	532
235	51	60	75	221	1,037	-	369	358	144	117	10	69	-	-	116,647	1,035	974	558
245	52	61	75	217	1,050	-	386	370	143	119	13	70	-	-	120,786	1,047	989	577

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 2093 SAU02 Medium site Fd leading, Plant to 1600 sph, ingrowth to 1600 sph, PCT to 800 sph, commercially thinned, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,352	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	6	6	70	1,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	12	15	83	764	19	-	-	-	1	18	0	-	-	-	1,098	-	-	-
35	19	21	83	756	237	-	-	-	122	82	25	4	-	-	16,464	6	-	-
45	23	25	83	751	230	-	-	-	265	101	21	10	-	-	29,706	86	-	-
55	27	27	83	746	332	-	-	1	398	137	16	16	-	-	43,068	289	13	-
65	31	35	73	299	435	-	1	12	290	97	8	22	-	-	32,937	381	49	-
75	33	38	78	295	547	-	17	22	341	112	11	24	-	-	41,700	510	164	-
85	36	41	80	293	661	-	56	52	398	144	16	33	-	-	58,292	629	319	11
95	38	43	80	288	766	-	96	70	377	154	15	36	-	-	64,987	737	494	41
105	39	45	80	284	861	-	167	103	355	150	16	41	-	-	77,267	836	631	52
115	41	47	80	280	949	-	202	142	360	155	14	54	-	-	87,977	925	747	87
125	42	49	80	275	1,026	-	266	167	339	157	11	60	-	-	98,725	1,004	849	146
135	44	50	79	268	1,096	-	329	195	342	158	14	70	-	-	111,961	1,076	939	230
145	45	52	79	263	1,157	-	345	242	286	160	15	72	-	-	115,142	1,138	1,006	273
155	46	53	78	260	1,214	-	402	258	309	163	17	75	-	-	127,565	1,195	1,068	324
165	47	54	78	254	1,260	-	405	294	277	151	12	82	-	-	128,809	1,246	1,128	375
175	47	55	78	250	1,303	-	413	327	246	151	13	80	-	-	130,943	1,290	1,179	450
185	48	56	77	245	1,341	-	452	387	240	153	11	87	-	-	143,196	1,328	1,227	508
195	49	57	77	237	1,371	-	489	404	237	159	12	89	-	-	150,720	1,362	1,268	601
205	49	58	76	233	1,401	-	485	397	220	163	16	89	-	-	148,327	1,394	1,301	653
215	50	59	76	231	1,430	-	506	447	215	163	17	92	-	-	156,772	1,422	1,332	693
225	51	60	75	226	1,452	-	517	435	226	158	12	91	-	-	157,441	1,446	1,359	755
235	51	60	75	221	1,473	-	524	508	205	166	14	98	-	-	165,641	1,470	1,382	793
245	52	61	75	217	1,490	-	548	525	203	169	18	100	-	-	171,518	1,487	1,405	820

Table 1033 SAU03 Poor site Fd leading, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	5	17	481	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	61	456	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	13	18	78	444	41	-	-	-	0	39	0	0	-	-	2,387	-	-	-
45	16	23	81	439	103	-	-	-	23	57	6	13	-	-	6,352	-	-	-
55	19	26	82	437	152	-	-	-	52	68	13	17	-	-	10,121	15	-	-
65	21	28	82	435	197	-	-	-	71	95	13	16	-	-	13,358	66	-	-
75	23	30	82	432	236	-	-	-	96	112	10	18	-	-	16,562	129	-	-
85	25	31	81	430	274	-	-	-	116	130	10	24	-	-	19,550	187	-	-
95	26	32	81	428	307	-	-	-	131	135	10	26	-	-	21,280	239	3	-
105	28	33	81	426	338	-	-	1	151	152	12	26	-	-	24,249	280	8	-
115	29	34	80	424	366	-	-	3	168	153	12	27	-	-	26,058	314	20	-
125	30	35	80	421	390	-	-	4	183	149	12	25	-	-	27,301	348	32	-
135	30	36	79	419	413	-	-	7	215	156	12	30	-	-	30,964	373	49	-
145	31	36	79	417	433	-	1	11	226	156	10	31	-	-	32,528	396	62	-
155	32	37	78	415	452	-	2	14	237	155	10	30	-	-	33,846	418	85	-
165	33	37	78	412	469	-	1	19	241	158	10	32	-	-	34,981	435	103	-
175	33	38	78	410	484	-	1	24	249	167	10	34	-	-	36,838	452	124	-
185	34	38	77	408	498	-	3	28	258	161	10	34	-	-	38,097	467	138	-
195	34	39	77	406	511	-	3	38	264	165	10	35	-	-	40,067	482	164	-
205	35	39	76	403	523	-	2	44	278	173	10	37	-	-	42,383	494	181	-
215	35	39	76	400	533	-	4	44	278	173	9	37	-	-	42,673	505	199	-
225	35	40	75	398	543	-	5	49	263	161	10	36	-	-	41,383	515	217	-
235	36	40	75	395	550	-	6	55	291	161	7	39	-	-	44,846	524	235	-
245	36	40	75	393	559	-	6	52	282	158	8	38	-	-	43,370	532	245	3

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1034 SAU03 Poor site Fd leading, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	5	34	958	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	80	909	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	13	16	83	885	30	-	-	-	1	28	0	0	-	-	1,696	-	-	-
45	16	19	83	876	112	-	-	-	30	61	11	3	-	-	6,895	-	-	-
55	19	21	83	872	181	-	-	-	86	73	16	3	-	-	12,680	2	-	-
65	21	22	82	867	234	-	-	-	134	87	11	5	-	-	17,524	14	-	-
75	23	23	82	863	277	-	-	-	165	87	11	10	-	-	20,338	45	-	-
85	25	24	81	858	314	-	-	-	189	94	11	15	-	-	23,110	91	-	-
95	26	25	81	851	347	-	-	-	206	101	12	17	-	-	25,085	127	-	-
105	28	26	81	845	377	-	-	-	230	106	14	20	-	-	27,751	180	1	-
115	29	26	80	839	403	-	-	-	246	116	12	22	-	-	29,689	220	8	-
125	30	27	80	832	428	-	-	1	257	122	11	24	-	-	31,170	253	13	-
135	30	27	79	821	450	-	1	1	288	135	10	29	-	-	34,914	284	24	-
145	31	28	79	812	470	-	4	-	305	140	11	31	-	-	37,273	311	30	-
155	32	28	78	802	487	-	4	4	303	138	12	31	-	-	37,358	334	39	-
165	33	29	78	791	504	-	4	3	303	138	11	29	-	-	37,185	355	49	-
175	33	29	78	776	518	-	9	6	324	149	11	34	-	-	41,049	373	64	-
185	34	30	77	763	532	-	11	6	323	148	13	33	-	-	41,081	390	77	-
195	34	30	77	751	544	-	13	9	336	151	12	34	-	-	43,062	404	95	-
205	35	30	76	740	555	-	15	9	317	145	11	33	-	-	41,264	418	112	-
215	35	31	76	733	565	-	17	10	339	151	13	35	-	-	44,098	430	123	-
225	36	31	75	719	573	-	22	16	347	152	13	39	-	-	46,488	441	143	-
235	36	31	75	709	581	-	24	16	343	146	11	41	-	-	46,149	450	158	-
245	36	32	75	697	588	-	26	13	352	150	13	40	-	-	47,022	457	178	-

Table 1035 SAU03 Poor site Fd leading, Plant to 1200 sph, ingrowth to 1800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	2,468	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	48	2,401	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	9	84	2,276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	13	12	83	2,134	14	-	-	-	1	12	0	-	-	-	768	-	-	-
45	17	14	83	1,981	85	-	-	-	21	48	11	3	-	-	5,284	-	-	-
55	19	16	83	1,798	164	-	-	-	72	74	12	1	-	-	11,202	1	-	-
65	22	18	82	1,621	221	-	-	-	121	83	12	4	-	-	16,132	12	-	-
75	24	19	82	1,483	267	-	-	-	165	85	13	10	-	-	20,394	33	-	-
85	26	20	81	1,392	308	-	-	-	184	88	12	12	-	-	22,255	77	-	-
95	27	21	81	1,311	344	-	-	-	209	99	10	15	-	-	25,026	124	-	-
105	28	22	81	1,243	376	-	-	-	235	102	10	21	-	-	27,812	168	1	-
115	29	23	80	1,172	404	-	-	-	260	107	10	27	-	-	30,476	214	3	-
125	30	24	80	1,116	431	-	-	-	272	111	9	29	-	-	31,894	249	12	-
135	31	24	79	1,061	455	-	1	-	297	117	9	30	-	-	34,543	282	18	-
145	32	25	79	1,016	476	-	3	1	313	128	11	32	-	-	37,048	312	33	-
155	33	26	78	973	495	-	5	2	303	128	12	31	-	-	36,612	343	45	-
165	34	26	78	938	512	-	6	1	329	135	11	31	-	-	39,420	367	66	-
175	34	27	78	907	528	-	8	2	330	138	12	31	-	-	40,070	387	81	-
185	35	28	77	877	541	-	10	7	347	147	13	33	-	-	43,182	406	98	-
195	35	28	77	852	555	-	16	3	350	147	12	36	-	-	44,064	423	115	-
205	36	29	76	828	567	-	22	9	348	147	13	38	-	-	45,414	438	131	-
215	36	29	76	810	578	-	25	7	326	129	12	36	-	-	42,584	452	140	-
225	37	29	75	786	587	-	29	8	347	138	12	41	-	-	45,727	466	151	-
235	37	30	75	769	596	-	31	9	354	141	10	46	-	-	47,165	478	165	-
245	37	30	75	750	602	-	32	17	344	135	12	45	-	-	46,971	488	178	-

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1037 SAU03 Poor site Fd leading, Plant to 1200 sph, ingrowth to 1800 sph, PCT to 800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	2,468	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	48	2,401	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	11	75	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	13	16	83	759	35	-	-	-	1	33	0	0	-	-	2,017	-	-	-
45	17	20	83	750	119	-	-	-	45	50	15	5	-	-	7,766	-	-	-
55	19	22	83	747	187	-	-	-	96	69	13	5	-	-	13,226	4	-	-
65	22	24	82	740	240	-	-	-	141	80	11	8	-	-	17,803	25	-	-
75	24	25	82	735	285	-	-	-	176	84	10	14	-	-	21,311	74	-	-
85	26	26	81	729	325	-	-	-	199	94	11	18	-	-	24,096	133	-	-
95	27	27	81	722	361	-	-	-	212	106	10	20	-	-	25,998	189	-	-
105	28	28	81	713	394	-	-	-	239	119	13	25	-	-	29,414	236	4	-
115	29	29	80	707	423	-	-	1	259	126	12	26	-	-	31,628	277	12	-
125	30	29	80	698	450	-	-	1	268	135	10	28	-	-	32,993	314	19	-
135	31	30	79	690	473	-	2	3	285	140	9	30	-	-	35,251	346	34	-
145	32	30	79	683	495	-	3	3	295	146	9	30	-	-	36,805	371	46	-
155	33	31	78	675	514	-	8	4	326	154	10	34	-	-	41,035	398	61	-
165	34	31	78	664	532	-	7	5	319	149	10	31	-	-	39,833	419	73	-
175	34	32	78	652	547	-	13	8	334	154	10	32	-	-	42,784	439	94	-
185	35	32	77	645	561	-	16	13	349	165	13	35	-	-	46,013	456	108	-
195	35	33	77	637	573	-	13	10	342	160	12	33	-	-	44,139	471	134	-
205	36	33	76	631	586	-	22	15	356	162	11	38	-	-	47,632	485	152	-
215	36	33	76	623	597	-	19	15	351	157	11	38	-	-	46,423	496	168	-
225	37	34	75	610	607	-	23	19	341	148	9	40	-	-	46,200	508	177	-
235	37	34	75	601	615	-	27	24	341	150	10	40	-	-	47,354	517	196	-
245	37	34	75	595	623	-	37	31	372	156	9	49	-	-	53,145	527	204	-

Table 2037 SAU03 Poor site Fd leading, Plant to 1200 sph, ingrowth to 1800 sph, PCT to 800 sph, fertilized

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	2,468	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	48	2,401	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	11	75	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	13	16	83	759	50	-	-	-	1	46	0	0	-	-	2,823	-	-	-
45	17	20	83	750	167	-	-	-	63	69	20	7	-	-	10,872	-	-	-
55	19	22	83	747	261	-	-	-	134	97	18	7	-	-	18,516	6	-	-
65	22	24	82	740	336	-	-	-	197	112	15	12	-	-	24,924	36	-	-
75	24	25	82	735	399	-	-	-	246	118	14	20	-	-	29,835	104	-	-
85	26	26	81	729	455	-	-	-	278	132	16	25	-	-	33,734	186	-	-
95	27	27	81	722	506	-	-	-	297	148	14	28	-	-	36,398	265	-	-
105	28	28	81	713	552	-	-	-	334	167	18	35	-	-	41,180	331	6	-
115	29	29	80	707	593	-	-	1	362	176	16	37	-	-	44,280	388	17	-
125	30	29	80	698	630	-	-	2	375	188	13	39	-	-	46,190	439	26	-
135	31	30	79	690	662	-	2	4	399	196	13	42	-	-	49,351	484	48	-
145	32	30	79	683	693	-	5	5	412	205	13	42	-	-	51,527	520	65	-
155	33	31	78	675	719	-	12	6	456	216	14	48	-	-	57,449	557	85	-
165	34	31	78	664	744	-	10	6	447	208	14	43	-	-	55,766	586	102	-
175	34	32	78	652	766	-	18	12	468	216	15	45	-	-	59,898	614	131	-
185	35	32	77	645	786	-	23	19	488	231	18	50	-	-	64,419	639	152	-
195	35	33	77	637	803	-	19	14	478	223	16	46	-	-	61,795	659	187	-
205	36	33	76	631	820	-	31	22	498	226	15	53	-	-	66,685	679	213	-
215	36	33	76	623	835	-	27	21	491	220	15	53	-	-	64,993	695	235	-
225	37	34	75	610	849	-	32	27	478	207	13	57	-	-	64,680	712	248	-
235	37	34	75	601	862	-	37	34	477	210	14	56	-	-	66,295	724	274	-
245	37	34	75	595	873	-	52	44	520	218	13	69	-	-	74,403	738	286	-

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1038 SAU04 Good, medium and poor sites, other conifers, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	4	12	481	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	55	455	-	-	-	-	-	0	-	-	-	-	9	-	-	-
35	13	21	79	443	78	-	-	-	20	51	1	3	-	-	3,809	-	-	-
45	17	26	82	440	165	-	-	-	127	5	14	17	-	-	10,815	32	-	-
55	21	31	83	438	268	-	-	1	231	13	11	11	-	-	18,956	176	1	-
65	24	34	82	436	371	-	-	13	319	6	13	15	-	-	26,643	325	25	-
75	26	37	82	433	471	-	-	46	408	5	12	20	-	-	36,709	444	82	-
85	29	40	81	431	565	-	3	97	428	6	11	18	-	-	43,297	543	190	-
95	31	42	81	429	651	-	3	159	433	7	8	18	-	-	49,313	634	310	7
105	32	43	81	427	732	-	6	232	475	7	8	21	-	-	59,937	716	420	32
115	34	45	80	424	811	-	11	282	449	7	7	20	-	-	63,056	794	528	60
125	35	46	80	420	885	-	21	367	440	6	8	19	-	-	71,639	869	621	120
135	37	48	79	418	957	-	27	454	447	6	10	20	-	-	80,983	942	715	178
145	38	49	79	416	1,028	-	34	516	438	6	9	19	-	-	86,974	1,013	799	250
155	39	50	78	412	1,095	-	35	534	423	6	9	18	-	-	87,489	1,080	875	347
165	40	51	78	409	1,158	-	37	643	414	5	10	17	-	-	97,225	1,143	942	441
175	41	52	78	406	1,216	-	44	719	414	6	10	16	-	-	105,278	1,203	1,006	533
185	41	53	77	402	1,271	-	37	745	419	6	11	16	-	-	107,186	1,258	1,066	625
195	42	54	77	399	1,322	-	50	811	408	5	14	16	-	-	114,127	1,309	1,118	709
205	43	54	76	397	1,369	-	53	924	426	6	15	16	-	-	126,577	1,356	1,167	781
215	44	55	76	392	1,418	-	53	966	413	5	13	16	-	-	129,406	1,406	1,219	854
225	44	56	75	388	1,470	-	58	958	419	5	14	16	-	-	129,658	1,458	1,274	931
235	45	57	75	384	1,519	-	56	1,037	405	5	14	15	-	-	135,763	1,509	1,325	1,000
245	46	58	75	380	1,566	-	55	1,091	391	5	17	14	-	-	139,710	1,555	1,374	1,071

Table 1039 SAU04 Good, medium and poor sites, other conifers, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	4	23	958	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	78	907	-	-	-	-	-	0	-	-	-	-	4	-	-	-
35	14	18	83	883	83	-	-	-	14	60	2	1	-	-	3,676	-	-	-
45	17	21	83	876	202	-	-	-	122	45	26	2	-	-	12,021	8	-	-
55	21	24	83	872	317	-	-	-	242	49	24	3	-	-	21,132	69	-	-
65	24	27	82	866	422	-	1	1	338	44	24	9	-	-	28,562	207	8	-
75	26	28	82	860	518	-	6	7	427	44	22	10	-	-	36,389	333	25	-
85	29	30	81	853	607	-	16	15	482	42	16	13	-	-	42,158	440	69	-
95	31	31	81	844	691	-	42	37	538	40	16	18	-	-	51,507	534	174	3
105	33	33	81	822	770	-	81	61	546	40	15	19	-	-	59,042	617	290	20
115	34	34	80	795	846	-	112	102	542	41	15	18	-	-	66,054	696	405	39
125	36	35	80	768	920	-	159	152	557	38	15	17	-	-	77,285	775	524	71
135	37	37	79	740	991	-	197	197	540	37	15	18	-	-	84,654	851	608	101
145	38	38	79	723	1,061	-	234	233	500	36	17	16	-	-	89,257	923	701	194
155	39	39	78	697	1,125	-	253	290	479	33	16	15	-	-	95,026	992	778	257
165	40	40	78	675	1,187	-	287	345	500	30	15	16	-	-	105,467	1,059	848	353
175	41	41	78	659	1,245	-	306	414	490	28	17	16	-	-	113,401	1,120	914	446
185	42	42	77	646	1,299	-	337	470	483	29	17	15	-	-	121,744	1,177	978	558
195	42	43	77	636	1,350	-	322	479	450	25	17	14	-	-	118,008	1,231	1,034	631
205	43	44	76	615	1,393	-	332	504	433	25	19	13	-	-	120,309	1,279	1,087	698
215	44	45	76	598	1,438	-	379	610	458	24	17	16	-	-	137,437	1,330	1,141	762
225	45	46	75	577	1,487	-	366	617	428	23	18	14	-	-	134,184	1,384	1,197	871
235	45	47	75	561	1,533	-	410	715	433	21	20	13	-	-	148,853	1,435	1,249	956
245	46	48	75	539	1,574	-	371	692	424	21	20	13	-	-	141,462	1,484	1,298	1,028

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1040 SAU04 Good, medium and poor sites, other conifers, Plant to 1600 sph, ingrowth to 1600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	1	1,349	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	4	31	1,281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	82	1,211	-	-	-	-	-	0	-	-	-	-	4	-	-	-
35	14	17	83	1,180	62	-	-	-	8	48	2	0	-	-	2,667	-	-	-
45	17	19	83	1,172	191	-	-	-	98	56	25	3	-	-	10,468	3	-	-
55	21	22	83	1,165	310	-	-	-	218	69	22	2	-	-	19,676	38	-	-
65	24	24	82	1,154	413	-	3	1	315	61	26	6	-	-	27,110	143	7	-
75	27	25	82	1,141	508	-	7	2	406	61	20	8	-	-	34,343	282	18	-
85	29	27	81	1,115	596	-	10	7	465	59	16	13	-	-	39,269	393	60	-
95	31	28	81	1,091	679	-	35	21	531	55	15	18	-	-	48,173	489	124	-
105	33	29	81	1,055	758	-	65	45	561	55	15	18	-	-	56,000	577	230	17
115	34	31	80	1,003	833	-	96	70	561	52	16	18	-	-	61,815	659	361	41
125	36	32	80	945	906	-	155	114	551	50	16	17	-	-	71,809	737	465	52
135	37	33	79	899	977	-	211	148	543	47	16	18	-	-	80,625	812	559	103
145	38	35	79	849	1,043	-	255	200	515	42	15	17	-	-	88,032	885	655	185
155	39	36	78	807	1,106	-	285	251	515	42	17	16	-	-	96,066	954	738	263
165	40	38	78	771	1,166	-	311	270	516	38	15	16	-	-	100,699	1,021	819	314
175	41	39	78	743	1,223	-	331	331	493	37	16	15	-	-	106,809	1,081	894	433
185	42	40	77	717	1,275	-	352	345	476	32	14	15	-	-	108,922	1,139	956	498
195	42	41	77	694	1,323	-	352	353	462	33	15	15	-	-	108,649	1,192	1,021	583
205	43	42	76	668	1,365	-	417	430	474	30	18	14	-	-	124,039	1,240	1,070	663
215	44	43	76	647	1,413	-	394	454	455	28	15	13	-	-	121,921	1,293	1,124	735
225	44	44	75	626	1,462	-	462	547	458	26	19	13	-	-	138,414	1,346	1,183	806
235	45	45	75	605	1,507	-	463	571	432	25	19	13	-	-	138,787	1,396	1,234	899
245	46	46	75	582	1,548	-	491	609	428	24	19	13	-	-	145,076	1,444	1,284	987

Table 1041 SAU05 Good, medium sites, Hw leading, west side, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	13	497	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	46	489	1	-	-	-	-	0	0	-	-	-	28	-	-	-
35	14	19	75	483	63	-	-	-	3	56	0	4	-	-	3,418	-	-	-
45	18	24	82	481	154	-	-	-	16	104	7	23	-	-	8,356	22	-	-
55	22	28	82	478	249	-	-	2	50	144	20	25	-	-	13,823	105	-	-
65	25	31	82	476	345	-	-	12	119	173	19	25	-	-	20,864	241	10	-
75	28	33	82	473	441	-	-	37	186	189	14	29	-	-	28,444	357	30	-
85	30	35	81	470	532	-	-	74	226	184	10	28	-	-	34,024	468	85	-
95	32	37	81	467	620	-	-	131	251	177	13	30	-	-	40,842	571	149	-
105	34	38	81	464	705	-	-	190	295	176	15	34	-	-	49,418	663	236	4
115	36	39	80	457	787	-	-	244	286	174	16	33	-	-	53,636	746	334	30
125	38	41	80	453	867	-	-	321	298	189	14	36	-	-	62,399	828	428	39
135	39	42	79	446	942	-	-	394	286	185	17	38	-	-	68,345	906	534	48
145	40	43	79	440	1,016	-	-	487	283	189	17	40	-	-	76,963	982	632	88
155	42	44	78	434	1,086	-	-	560	279	187	17	43	-	-	83,455	1,055	725	114
165	43	45	78	424	1,149	-	-	620	266	184	19	43	-	-	87,974	1,120	805	178
175	44	46	78	416	1,210	-	1	654	254	183	20	41	-	-	90,302	1,184	876	214
185	45	47	77	407	1,267	-	1	743	265	186	20	44	-	-	99,508	1,244	951	262
195	46	48	77	398	1,320	-	1	821	267	190	19	47	-	-	107,169	1,301	1,018	305
205	46	49	76	391	1,369	-	2	900	250	189	21	49	-	-	113,480	1,352	1,092	334
215	47	50	76	387	1,417	-	2	899	249	184	22	48	-	-	113,142	1,402	1,161	369
225	48	51	75	382	1,462	-	1	958	237	181	23	46	-	-	117,375	1,446	1,214	423
235	48	52	75	372	1,499	-	1	988	226	177	22	45	-	-	119,071	1,484	1,262	474
245	49	52	75	365	1,535	-	2	1,102	233	183	22	49	-	-	130,579	1,523	1,308	551

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1042 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	74	964	1	-	-	-	-	0	-	-	-	-	23	-	-	-
35	14	17	83	953	71	-	-	-	7	56	1	3	-	-	3,746	-	-	-
45	18	20	83	948	188	-	-	-	64	86	20	13	-	-	10,535	9	-	-
55	22	23	83	942	301	-	-	-	148	113	20	13	-	-	17,515	53	-	-
65	25	25	82	930	408	-	-	4	228	135	19	20	-	-	24,608	142	-	-
75	28	26	82	903	508	-	1	11	286	159	21	23	-	-	30,798	266	12	-
85	30	28	81	857	602	-	2	27	335	173	19	25	-	-	36,232	384	39	-
95	33	29	81	824	689	-	3	69	380	189	17	28	-	-	44,007	493	67	-
105	35	31	81	784	773	-	12	97	412	191	15	31	-	-	49,888	591	133	-
115	36	32	80	749	855	-	24	157	423	196	15	33	-	-	57,758	683	231	-
125	38	34	80	705	929	-	36	197	431	196	14	35	-	-	63,306	771	316	26
135	39	35	79	662	1,000	-	51	253	445	202	16	39	-	-	71,585	858	416	34
145	41	37	79	620	1,068	-	72	333	415	196	18	41	-	-	79,028	940	511	69
155	42	38	78	586	1,130	-	78	399	402	194	18	41	-	-	84,704	1,017	612	91
165	43	40	78	548	1,187	-	87	447	388	185	19	42	-	-	88,789	1,089	716	102
175	44	41	78	525	1,243	-	111	501	393	194	18	45	-	-	97,316	1,154	798	125
185	45	42	77	501	1,295	-	114	539	356	185	19	43	-	-	98,019	1,214	875	160
195	46	43	77	484	1,345	-	139	660	348	197	18	46	-	-	111,879	1,274	938	183
205	47	45	76	462	1,390	-	141	689	323	191	21	48	-	-	113,101	1,326	1,009	208
215	47	46	76	439	1,427	-	145	689	291	174	19	44	-	-	110,315	1,373	1,081	250
225	48	47	75	425	1,467	-	147	715	296	172	18	44	-	-	112,984	1,420	1,150	292
235	49	48	75	412	1,505	-	165	810	292	174	19	46	-	-	123,583	1,462	1,209	335
245	49	49	75	401	1,540	-	188	887	275	176	19	49	-	-	132,170	1,501	1,260	407

Table 1047 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	8	83	4,482	-	-	-	-	-	0	-	-	-	-	7	-	-	-
35	14	10	84	4,320	37	-	-	-	10	21	3	1	-	-	1,918	-	-	-
45	19	12	83	3,968	153	-	-	-	77	55	15	3	-	-	8,923	1	-	-
55	23	15	83	3,001	299	-	-	-	185	86	16	7	-	-	18,047	27	-	-
65	26	19	82	1,940	422	-	-	-	267	120	21	15	-	-	25,882	92	-	-
75	29	22	82	1,416	531	-	1	1	331	144	18	18	-	-	31,578	192	2	-
85	31	24	81	1,223	633	-	12	5	399	170	11	29	-	-	39,234	321	16	-
95	34	26	81	1,086	727	-	30	20	445	182	13	34	-	-	46,714	443	57	-
105	36	28	81	977	818	-	44	39	469	182	14	34	-	-	51,653	562	108	-
115	38	29	80	889	906	-	82	76	512	196	16	37	-	-	62,988	676	186	-
125	39	31	80	795	987	-	112	116	507	200	17	40	-	-	70,144	783	278	-
135	41	33	79	719	1,063	-	141	153	504	206	16	41	-	-	76,818	885	389	11
145	42	35	79	664	1,137	-	173	207	484	210	18	50	-	-	84,661	979	504	12
155	43	37	78	611	1,202	-	214	281	430	217	18	52	-	-	92,970	1,062	608	37
165	44	39	78	566	1,263	-	243	330	415	209	21	49	-	-	99,104	1,143	706	63
175	46	40	78	534	1,321	-	282	381	405	214	23	53	-	-	108,203	1,215	811	102
185	46	41	77	509	1,376	-	286	395	394	200	23	51	-	-	108,267	1,281	896	143
195	47	43	77	479	1,422	-	327	480	373	206	22	58	-	-	119,755	1,340	977	198
205	48	44	76	458	1,466	-	360	542	346	191	22	55	-	-	126,274	1,394	1,049	224
215	49	45	76	439	1,508	-	337	556	316	185	19	53	-	-	122,420	1,444	1,119	251
225	50	46	75	422	1,547	-	362	566	316	178	19	51	-	-	125,624	1,493	1,180	284
235	50	47	75	406	1,584	-	398	660	303	183	21	55	-	-	137,951	1,536	1,233	312
245	51	48	75	395	1,622	-	405	702	297	183	23	57	-	-	142,376	1,577	1,295	363

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1124 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	47	594	-	-	-	-	-	0	-	-	-	-	11	-	-	-
35	14	19	75	588	73	-	-	-	8	56	1	6	-	-	3,906	-	-	-
45	19	23	82	585	183	-	-	-	32	106	14	24	-	-	9,738	19	-	-
55	22	27	83	578	299	-	-	-	91	162	20	24	-	-	17,006	121	-	-
65	26	30	82	563	412	-	-	9	177	183	14	28	-	-	24,530	273	-	-
75	29	32	82	549	522	-	-	41	264	198	14	33	-	-	34,145	416	26	-
85	31	34	81	539	626	-	2	82	293	183	13	32	-	-	39,038	535	84	-
95	33	36	81	529	726	-	3	155	339	200	13	35	-	-	49,876	652	159	-
105	36	38	81	515	824	-	6	185	347	190	12	34	-	-	52,933	757	268	-
115	37	39	80	501	917	-	9	270	353	198	15	37	-	-	61,914	857	375	-
125	39	41	80	486	1,007	-	12	389	340	206	15	43	-	-	72,914	956	511	10
135	41	42	79	472	1,094	-	13	444	340	205	16	42	-	-	77,898	1,049	649	27
145	42	44	79	458	1,175	-	19	537	325	199	16	44	-	-	85,800	1,136	768	67
155	43	45	78	441	1,248	-	25	623	313	200	16	47	-	-	93,690	1,217	887	114
165	45	46	78	426	1,318	-	27	691	297	204	18	50	-	-	99,502	1,292	995	182
175	45	48	78	412	1,383	-	32	830	286	199	18	54	-	-	111,684	1,363	1,100	220
185	46	49	77	405	1,445	-	34	851	293	203	17	54	-	-	114,447	1,429	1,180	248
195	47	50	77	397	1,503	-	38	939	282	198	19	52	-	-	121,854	1,487	1,250	296
205	48	51	76	391	1,557	-	44	982	265	194	19	54	-	-	125,184	1,543	1,314	359
215	49	51	76	386	1,606	-	44	1,115	235	190	17	58	-	-	135,084	1,593	1,376	389
225	50	52	75	380	1,652	-	46	1,073	241	185	20	55	-	-	131,647	1,638	1,433	446
235	50	53	75	372	1,694	-	48	1,190	238	196	21	59	-	-	143,060	1,684	1,483	490
245	51	54	75	362	1,728	-	47	1,262	217	187	21	59	-	-	147,633	1,718	1,543	532

Table 1049 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 600 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	44	594	-	-	-	-	-	0	-	-	-	-	6	-	-	-
35	14	18	69	588	67	-	-	-	22	36	3	5	-	-	3,784	-	-	-
45	19	23	81	585	175	-	-	-	53	84	11	22	-	-	9,713	10	-	-
55	22	26	83	578	290	-	-	-	141	109	11	24	-	-	16,960	102	-	-
65	26	29	82	565	404	-	1	7	198	147	19	27	-	-	24,089	250	-	-
75	29	31	82	548	512	-	2	30	261	189	19	31	-	-	32,916	397	16	-
85	31	33	81	538	616	-	20	48	288	192	14	32	-	-	38,213	518	74	-
95	33	35	81	526	715	-	43	80	334	202	13	35	-	-	47,521	634	138	-
105	36	37	81	516	813	-	56	139	343	202	14	36	-	-	56,540	745	235	-
115	37	39	80	505	907	-	73	168	349	210	14	37	-	-	63,841	845	363	-
125	39	40	80	485	996	-	103	245	342	211	14	39	-	-	77,482	941	480	6
135	41	42	79	470	1,082	-	116	296	345	213	19	43	-	-	87,649	1,036	617	21
145	42	43	79	456	1,162	-	127	321	327	199	16	43	-	-	88,801	1,122	740	56
155	43	45	78	441	1,238	-	140	416	312	203	16	44	-	-	103,710	1,202	856	104
165	44	46	78	426	1,308	-	146	458	314	199	18	47	-	-	108,514	1,279	965	165
175	45	47	78	413	1,372	-	153	510	301	198	18	50	-	-	116,206	1,349	1,061	203
185	46	48	77	404	1,434	-	153	609	294	198	19	53	-	-	132,210	1,414	1,157	241
195	47	49	77	395	1,491	-	147	672	275	199	18	53	-	-	138,763	1,473	1,235	263
205	48	50	76	392	1,547	-	139	686	255	188	18	54	-	-	138,653	1,531	1,296	340
215	49	51	76	386	1,598	-	152	769	259	197	20	56	-	-	152,213	1,582	1,363	381
225	50	52	75	380	1,643	-	124	816	233	188	22	56	-	-	155,543	1,627	1,416	422
235	50	52	75	372	1,684	-	134	893	226	193	20	60	-	-	167,226	1,671	1,472	481
245	51	53	75	362	1,719	-	119	945	216	188	22	59	-	-	173,168	1,708	1,520	506

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1050 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	59	791	-	-	-	-	-	0	-	-	-	-	11	-	-	-
35	14	18	81	782	80	-	-	-	8	62	1	5	-	-	4,177	-	-	-
45	19	22	83	777	205	-	-	-	61	96	20	21	-	-	11,265	11	-	-
55	22	25	83	767	329	-	-	1	142	141	20	19	-	-	18,978	84	-	-
65	26	27	82	750	445	-	-	2	232	177	16	28	-	-	27,319	214	1	-
75	29	29	82	721	555	-	-	17	289	182	19	28	-	-	32,791	362	8	-
85	31	31	81	699	658	-	2	40	360	208	16	31	-	-	41,262	492	49	-
95	34	33	81	677	756	-	5	80	396	207	15	33	-	-	47,405	607	95	-
105	36	34	81	664	851	-	8	131	428	219	14	35	-	-	55,160	716	170	-
115	37	35	80	643	941	-	13	196	440	219	14	36	-	-	62,412	817	282	-
125	39	37	80	612	1,023	-	26	253	449	220	16	40	-	-	70,030	916	384	4
135	41	38	79	582	1,103	-	36	343	427	214	17	42	-	-	77,612	1,009	507	17
145	42	40	79	554	1,179	-	58	415	451	227	18	43	-	-	89,009	1,096	632	39
155	43	41	78	536	1,252	-	70	515	419	220	20	47	-	-	97,176	1,178	740	70
165	44	42	78	518	1,320	-	76	570	389	214	20	50	-	-	100,747	1,253	845	114
175	45	44	78	498	1,380	-	85	659	379	216	20	52	-	-	109,321	1,324	938	167
185	46	45	77	481	1,437	-	100	732	363	216	20	54	-	-	116,608	1,391	1,026	186
195	47	46	77	458	1,483	-	92	798	355	215	19	55	-	-	121,160	1,445	1,114	212
205	48	47	76	445	1,533	-	94	806	322	197	20	51	-	-	118,706	1,502	1,189	255
215	49	48	76	429	1,574	-	111	869	316	200	21	55	-	-	126,375	1,548	1,248	293
225	50	49	75	415	1,614	-	120	958	321	202	21	55	-	-	135,840	1,593	1,305	349
235	50	50	75	403	1,649	-	124	977	285	188	18	55	-	-	134,691	1,632	1,368	371
245	51	51	75	391	1,684	-	118	1,016	252	181	20	52	-	-	134,916	1,667	1,417	400

Table 1125 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 800 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	56	791	-	-	-	-	-	0	-	-	-	-	11	-	-	-
35	14	18	78	782	73	-	-	-	24	39	4	5	-	-	4,140	-	-	-
45	19	21	83	777	199	-	-	-	85	73	19	16	-	-	11,259	7	-	-
55	22	24	83	768	321	-	-	-	181	101	13	19	-	-	19,027	70	-	-
65	26	27	82	751	436	-	-	2	253	144	21	27	-	-	27,126	198	-	-
75	29	29	82	720	546	-	2	12	288	178	23	28	-	-	32,490	346	6	-
85	31	30	81	706	649	-	11	30	351	206	17	33	-	-	40,786	474	39	-
95	33	32	81	678	746	-	29	48	388	214	14	36	-	-	47,417	592	94	-
105	36	34	81	662	840	-	50	69	414	220	15	35	-	-	53,985	702	159	-
115	37	35	80	647	931	-	76	118	426	224	15	36	-	-	63,868	801	265	-
125	39	37	80	607	1,012	-	87	172	447	223	17	41	-	-	73,775	901	364	4
135	41	38	79	579	1,092	-	116	225	426	221	17	42	-	-	82,359	996	480	11
145	42	40	79	556	1,170	-	132	268	438	226	18	44	-	-	90,731	1,082	618	29
155	43	41	78	536	1,243	-	157	358	430	226	20	46	-	-	104,589	1,163	730	48
165	44	42	78	515	1,308	-	170	396	388	213	18	48	-	-	106,126	1,239	829	108
175	45	43	78	500	1,372	-	164	479	378	216	21	53	-	-	117,412	1,310	920	154
185	46	44	77	480	1,427	-	162	543	353	210	19	54	-	-	123,497	1,373	1,003	185
195	47	46	77	457	1,475	-	166	585	364	216	22	53	-	-	131,653	1,431	1,094	205
205	48	47	76	439	1,521	-	169	651	320	208	20	56	-	-	136,971	1,485	1,170	249
215	49	48	76	428	1,565	-	151	650	324	202	21	52	-	-	137,663	1,535	1,228	275
225	50	49	75	417	1,607	-	152	747	312	203	22	56	-	-	151,761	1,580	1,289	319
235	50	50	75	402	1,642	-	144	788	289	198	21	57	-	-	154,920	1,619	1,345	364
245	51	51	75	390	1,676	-	148	729	265	180	19	49	-	-	142,424	1,657	1,403	392

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1095 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 800 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	56	791	-	-	-	-	-	0	-	-	-	-	11	-	-	-
35	14	18	81	782	73	-	-	-	8	56	1	5	-	26	3,923	-	-	-
45	19	22	83	777	201	-	-	-	61	93	21	20	-	61	11,132	11	-	-
55	22	24	83	766	263	-	-	1	133	144	20	20	-	85	18,628	80	-	-
65	26	27	82	748	346	-	-	2	228	177	16	28	-	108	26,967	206	1	-
75	29	32	71	397	432	-	-	18	201	141	10	23	-	83	24,201	312	8	-
85	31	34	76	392	482	-	3	49	242	146	11	24	-	93	30,322	426	51	-
95	33	36	79	388	577	-	5	97	273	143	11	27	-	101	36,910	533	117	-
105	36	38	80	383	674	-	13	169	297	156	10	30	-	117	46,711	634	220	-
115	37	40	80	377	768	-	26	265	277	160	12	35	-	127	56,026	734	340	-
125	39	42	80	368	859	-	46	328	272	166	13	39	-	136	64,307	830	485	10
135	41	44	79	360	949	-	54	412	251	159	15	39	-	140	71,087	924	619	22
145	42	45	79	354	1,035	-	70	476	244	163	17	39	-	147	78,493	1,012	746	57
155	43	47	78	346	1,114	-	90	592	226	168	19	44	-	161	90,641	1,094	848	117
165	44	48	78	341	1,190	-	75	637	209	165	17	44	-	159	92,109	1,171	946	164
175	45	50	78	334	1,259	-	76	745	202	167	21	46	-	171	102,379	1,243	1,047	196
185	46	51	77	327	1,322	-	99	822	187	163	20	47	-	176	110,079	1,309	1,118	234
195	47	52	77	320	1,381	-	115	887	194	171	22	48	-	187	120,545	1,371	1,201	290
205	48	53	76	314	1,434	-	120	940	182	167	23	50	-	190	124,734	1,425	1,261	331
215	49	54	76	310	1,486	-	126	929	164	156	20	47	-	182	123,001	1,479	1,323	393
225	49	55	75	307	1,536	-	131	1,016	170	156	20	51	-	193	132,587	1,528	1,388	435
235	50	56	75	304	1,582	-	124	1,077	161	156	21	48	-	196	138,168	1,574	1,439	483
245	51	56	75	298	1,619	-	126	1,039	161	151	18	48	-	189	134,286	1,614	1,485	553

Table 1097 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 800 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	3	53	4,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	59	791	-	-	-	-	-	0	-	-	-	-	11	-	-	-
35	14	18	81	782	80	-	-	-	8	62	1	5	-	-	4,177	-	-	-
45	19	22	83	777	205	-	-	-	61	96	20	21	-	-	11,265	11	-	-
55	22	25	83	767	265	-	-	1	142	141	20	19	-	-	18,978	84	-	-
65	26	27	82	750	347	-	-	2	232	177	16	28	-	-	27,319	214	1	-
75	29	32	71	397	435	-	-	19	212	142	11	23	-	-	25,072	317	10	-
85	31	34	76	391	483	-	2	45	241	140	10	23	-	-	29,480	433	53	-
95	33	37	79	387	578	-	5	101	275	143	9	26	-	-	37,409	536	117	-
105	36	39	80	383	675	-	14	174	301	151	10	31	-	-	47,305	638	221	-
115	37	41	80	375	769	-	26	232	296	158	11	34	-	-	54,137	738	346	-
125	39	42	80	365	861	-	41	304	282	157	13	37	-	-	61,606	836	488	16
135	41	44	79	358	950	-	62	394	251	160	17	39	-	-	70,522	929	624	22
145	42	46	79	351	1,037	-	69	500	229	162	17	42	-	-	79,736	1,017	750	57
155	43	47	78	345	1,117	-	85	557	234	163	19	43	-	-	87,208	1,099	852	122
165	44	49	78	338	1,191	-	84	670	207	171	18	47	-	-	96,035	1,175	956	164
175	45	50	78	331	1,260	-	103	749	193	164	20	46	-	-	104,017	1,245	1,049	196
185	46	51	77	324	1,323	-	104	810	205	169	21	45	-	-	110,785	1,312	1,123	240
195	47	52	77	319	1,383	-	114	868	196	170	20	48	-	-	116,606	1,374	1,205	295
205	48	53	76	313	1,436	-	123	962	176	169	22	50	-	-	124,903	1,427	1,264	347
215	49	54	76	309	1,489	-	117	963	160	156	19	47	-	-	122,335	1,481	1,324	400
225	50	55	75	307	1,538	-	124	1,059	168	164	21	50	-	-	133,010	1,531	1,383	442
235	50	56	75	302	1,581	-	118	1,021	171	152	20	48	-	-	128,270	1,574	1,434	506
245	51	57	75	297	1,621	-	130	1,082	162	157	19	50	-	-	134,837	1,616	1,485	582

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1127 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	55	595	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	19	75	588	68	-	-	-	3	58	0	5	-	-	3,583	-	-	-
45	18	23	81	585	170	-	-	-	30	99	12	23	-	-	9,041	11	-	-
55	22	26	82	582	275	-	-	1	76	152	19	22	-	-	15,405	97	-	-
65	25	29	82	579	380	-	-	9	161	165	17	25	-	-	22,482	216	6	-
75	28	31	82	573	481	-	-	20	243	174	13	28	-	-	29,312	340	24	-
85	30	33	81	565	576	-	-	61	282	171	15	30	-	-	35,560	455	51	-
95	33	34	81	556	667	-	2	115	322	190	16	30	-	-	44,436	563	109	-
105	34	36	81	546	755	-	3	170	327	181	14	33	-	-	49,478	664	206	-
115	36	37	80	535	840	-	5	218	356	193	14	36	-	-	56,562	755	317	9
125	38	39	80	519	921	-	6	293	354	189	13	35	-	-	63,101	848	442	47
135	39	40	79	504	1,000	-	9	395	343	195	15	38	-	-	72,529	931	547	62
145	41	41	79	494	1,076	-	12	461	328	201	16	41	-	-	78,264	1,012	638	83
155	42	42	78	480	1,144	-	15	523	325	190	17	41	-	-	83,492	1,087	726	95
165	43	44	78	463	1,208	-	20	615	308	200	20	46	-	-	92,214	1,157	826	118
175	44	45	78	445	1,267	-	19	689	311	198	19	47	-	-	98,895	1,221	911	152
185	45	46	77	427	1,319	-	24	761	289	194	20	46	-	-	104,252	1,280	987	170
195	46	47	77	416	1,373	-	24	797	278	198	20	48	-	-	106,994	1,340	1,061	194
205	47	48	76	410	1,425	-	26	864	267	187	20	48	-	-	111,411	1,394	1,137	266
215	47	49	76	401	1,471	-	32	984	253	188	20	52	-	-	123,428	1,442	1,203	321
225	48	50	75	383	1,508	-	32	1,007	255	190	20	50	-	-	125,111	1,486	1,269	385
235	49	51	75	373	1,546	-	33	1,039	242	185	19	51	-	-	126,954	1,527	1,319	424
245	49	52	75	365	1,581	-	33	992	225	171	19	47	-	-	120,598	1,564	1,366	492

Table 1045 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 600 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	51	595	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	18	71	588	61	-	-	-	15	39	2	5	-	23	3,434	-	-	-
45	18	22	80	585	163	-	-	-	46	79	12	19	-	64	8,908	10	-	-
55	22	26	82	582	268	-	-	-	132	100	11	20	-	100	15,716	80	-	-
65	25	28	82	579	371	-	-	8	189	129	21	24	-	131	22,515	199	1	-
75	28	30	82	573	472	-	2	21	251	169	19	27	-	161	30,057	316	22	-
85	30	32	81	565	567	-	14	34	275	171	15	28	-	167	34,188	437	47	-
95	33	34	81	556	657	-	20	72	326	191	16	32	-	198	44,668	549	97	-
105	34	35	81	545	745	-	43	99	322	188	13	33	-	201	49,445	646	186	-
115	36	37	80	534	829	-	67	149	354	198	13	37	-	228	60,708	736	295	-
125	38	38	80	517	910	-	86	202	349	194	15	37	-	239	68,385	829	420	41
135	39	40	79	505	989	-	116	232	350	196	16	38	-	249	75,315	917	519	61
145	41	41	79	496	1,064	-	121	297	338	195	18	38	-	262	84,413	999	616	78
155	42	42	78	483	1,134	-	115	348	315	188	18	40	-	263	90,928	1,073	713	94
165	43	43	78	461	1,195	-	135	396	326	198	18	45	-	283	100,321	1,143	803	111
175	44	45	78	444	1,255	-	132	458	328	195	19	46	-	296	110,031	1,210	886	145
185	45	46	77	427	1,309	-	133	549	294	198	21	48	-	309	122,179	1,270	967	163
195	46	47	77	418	1,363	-	125	572	266	196	17	45	-	302	122,655	1,329	1,032	193
205	47	48	76	408	1,412	-	119	642	266	186	19	49	-	316	133,096	1,380	1,104	229
215	47	49	76	398	1,460	-	109	658	250	181	20	49	-	310	133,233	1,430	1,180	296
225	48	50	75	389	1,503	-	115	727	262	194	19	52	-	332	145,592	1,477	1,244	367
235	49	51	75	378	1,540	-	107	762	243	186	18	50	-	329	148,186	1,518	1,299	422
245	49	52	75	367	1,573	-	105	757	233	178	18	51	-	320	146,146	1,555	1,343	467

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1046 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	66	791	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	18	80	782	70	-	-	-	4	57	1	4	-	-	3,613	-	-	-
45	18	22	83	778	185	-	-	-	53	87	18	17	-	-	9,991	10	-	-
55	22	24	83	773	296	-	-	-	124	127	20	16	-	-	16,858	68	-	-
65	25	26	82	769	403	-	-	5	210	155	18	23	-	-	24,736	165	-	-
75	28	28	82	756	505	-	-	19	272	159	18	24	-	-	30,337	291	18	-
85	30	30	81	737	599	-	1	34	337	177	18	27	-	-	37,098	410	43	-
95	33	31	81	717	689	-	4	74	364	188	14	29	-	-	43,510	515	77	-
105	35	32	81	698	776	-	11	123	389	197	15	32	-	-	50,961	617	158	-
115	36	34	80	673	858	-	15	175	404	194	14	34	-	-	56,964	710	251	-
125	38	35	80	645	936	-	19	232	414	195	14	36	-	-	63,393	804	349	31
135	39	37	79	609	1,009	-	28	324	419	203	14	40	-	-	73,607	889	446	39
145	41	38	79	578	1,079	-	49	397	412	201	17	41	-	-	82,293	973	557	70
155	42	40	78	550	1,143	-	44	437	391	196	17	40	-	-	83,601	1,049	656	92
165	43	41	78	534	1,207	-	64	511	383	199	17	42	-	-	92,247	1,119	745	109
175	44	42	78	506	1,261	-	72	529	370	186	17	43	-	-	93,262	1,185	827	138
185	45	43	77	485	1,313	-	80	666	360	196	20	46	-	-	106,695	1,245	907	151
195	46	45	77	466	1,363	-	85	680	327	186	18	45	-	-	105,736	1,305	978	174
205	47	46	76	450	1,409	-	98	742	317	186	21	48	-	-	112,373	1,356	1,050	220
215	47	47	76	431	1,450	-	102	807	320	189	18	48	-	-	119,002	1,404	1,123	273
225	48	48	75	414	1,487	-	108	873	281	175	21	46	-	-	122,352	1,449	1,185	322
235	49	49	75	400	1,524	-	95	845	257	166	19	44	-	-	116,048	1,489	1,250	354
245	49	50	75	389	1,558	-	92	935	243	173	18	48	-	-	123,383	1,527	1,298	437

Table 1126 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 800 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	61	791	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	18	78	782	62	-	-	-	15	40	3	4	-	23	3,461	-	-	-
45	18	21	82	778	178	-	-	-	69	71	18	13	-	68	9,946	7	-	-
55	22	24	83	774	290	-	-	-	164	93	16	15	-	106	17,367	58	-	-
65	25	26	82	768	397	-	1	4	237	125	22	22	-	141	25,056	157	-	-
75	28	28	82	757	498	-	-	13	272	157	21	24	-	157	29,832	278	14	-
85	30	29	81	738	593	-	11	19	332	173	18	26	-	176	36,357	397	40	-
95	33	31	81	717	682	-	27	48	362	188	14	29	-	194	43,712	505	68	-
105	34	32	81	698	768	-	39	82	384	195	16	32	-	212	51,623	605	147	-
115	36	33	80	677	852	-	57	113	403	198	15	34	-	224	59,173	698	244	-
125	38	35	80	645	930	-	84	152	415	200	13	36	-	240	67,924	793	340	31
135	39	37	79	609	1,003	-	106	191	422	196	15	38	-	251	74,358	880	441	39
145	41	38	79	582	1,074	-	134	261	416	196	19	40	-	270	86,330	963	545	70
155	42	39	78	555	1,140	-	131	315	398	194	20	40	-	273	91,376	1,040	644	92
165	43	41	78	527	1,200	-	142	346	380	190	19	43	-	276	96,047	1,112	740	109
175	44	42	78	503	1,254	-	125	421	361	189	19	43	-	284	106,137	1,179	818	132
185	45	43	77	482	1,306	-	134	488	355	191	19	45	-	301	116,712	1,239	898	150
195	46	44	77	467	1,359	-	144	533	345	195	16	46	-	308	123,269	1,296	969	174
205	47	45	76	451	1,406	-	129	535	316	180	20	45	-	292	119,667	1,352	1,041	214
215	47	47	76	429	1,443	-	146	644	323	189	20	50	-	324	136,841	1,396	1,112	262
225	48	48	75	414	1,483	-	136	669	287	178	20	50	-	315	137,325	1,440	1,173	315
235	49	49	75	398	1,520	-	137	657	270	172	19	46	-	301	133,662	1,483	1,231	349
245	49	50	75	389	1,554	-	118	697	241	166	18	48	-	298	137,217	1,521	1,290	414

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1099 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 800 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	61	791	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	18	80	782	62	-	-	-	5	51	1	4	-	21	3,352	-	-	-
45	18	21	83	778	176	-	-	-	51	82	16	16	-	53	9,495	10	-	-
55	22	24	83	773	206	-	-	-	122	123	20	16	-	76	16,498	64	-	-
65	25	29	69	399	249	-	-	5	134	106	10	18	-	64	16,360	154	-	-
75	28	31	77	396	327	-	-	20	184	112	12	20	-	74	21,618	274	20	-
85	30	34	80	391	453	-	2	47	247	136	11	25	-	93	29,942	391	49	-
95	32	36	80	389	542	-	7	98	241	138	12	26	-	97	34,927	488	103	-
105	34	38	80	384	629	-	11	169	250	143	13	29	-	108	42,785	584	216	-
115	36	40	80	377	716	-	23	210	274	152	12	32	-	119	50,021	676	321	-
125	38	41	80	372	799	-	40	305	251	150	14	35	-	128	59,089	766	423	37
135	39	43	79	366	881	-	52	390	243	156	16	35	-	138	67,970	854	543	61
145	41	44	79	362	959	-	62	423	243	155	16	37	-	142	72,160	932	646	89
155	42	46	78	355	1,032	-	65	463	230	152	15	36	-	142	75,116	1,008	756	107
165	43	47	78	347	1,102	-	81	579	223	159	17	39	-	157	87,790	1,080	845	130
175	44	48	78	340	1,167	-	88	630	206	161	16	41	-	161	93,967	1,148	922	164
185	45	49	77	334	1,228	-	102	666	203	157	17	40	-	163	97,173	1,210	995	226
195	46	50	77	330	1,285	-	108	811	196	173	19	45	-	182	113,646	1,270	1,064	259
205	46	52	76	323	1,339	-	112	840	182	158	20	47	-	181	116,128	1,325	1,141	291
215	47	52	76	318	1,389	-	123	857	177	152	18	45	-	179	117,770	1,376	1,211	379
225	48	53	75	313	1,434	-	125	876	164	148	19	44	-	178	118,923	1,423	1,263	457
235	48	54	75	309	1,476	-	118	934	172	155	19	48	-	186	126,647	1,466	1,319	519
245	49	55	75	304	1,516	-	118	1,006	159	151	19	47	-	190	131,885	1,508	1,370	611

Table 1101 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 800 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	66	791	-	-	-	-	-	0	-	-	-	-	12	-	-	-
35	14	18	80	782	70	-	-	-	4	57	1	4	-	-	3,613	-	-	-
45	18	22	83	778	185	-	-	-	53	87	18	17	-	-	9,991	10	-	-
55	22	24	83	773	204	-	-	-	124	127	20	16	-	-	16,858	68	-	-
65	25	29	69	399	252	-	-	6	131	104	10	17	-	-	16,087	158	-	-
75	28	32	76	396	332	-	-	18	181	118	12	20	-	-	21,562	280	20	-
85	30	34	79	391	455	-	3	59	240	136	12	25	-	-	30,617	395	49	-
95	33	36	80	389	545	-	7	103	243	142	12	26	-	-	35,745	495	105	-
105	34	38	80	384	633	-	15	141	261	146	12	28	-	-	41,497	589	220	-
115	36	40	80	377	719	-	24	218	272	154	11	33	-	-	50,721	684	329	4
125	38	41	80	372	804	-	37	290	257	153	13	34	-	-	57,840	774	430	37
135	39	43	79	366	885	-	49	369	247	152	14	35	-	-	65,785	858	554	62
145	41	44	79	362	963	-	65	435	233	154	16	36	-	-	72,951	937	660	89
155	42	46	78	355	1,038	-	67	554	226	160	17	39	-	-	84,013	1,015	756	112
165	43	47	78	347	1,107	-	81	533	217	151	17	39	-	-	82,484	1,086	850	147
175	44	48	78	340	1,172	-	95	669	199	160	20	42	-	-	95,936	1,152	929	176
185	45	50	77	335	1,233	-	93	692	211	161	17	41	-	-	98,395	1,214	1,001	229
195	46	51	77	330	1,290	-	112	770	198	164	19	43	-	-	107,082	1,274	1,079	266
205	46	52	76	323	1,343	-	118	859	189	166	19	45	-	-	115,481	1,331	1,149	299
215	47	53	76	318	1,393	-	118	866	177	157	18	44	-	-	114,682	1,382	1,218	387
225	48	53	75	314	1,440	-	131	965	167	155	21	47	-	-	124,676	1,429	1,274	466
235	49	54	75	309	1,482	-	129	976	168	152	19	45	-	-	124,996	1,472	1,326	528
245	49	55	75	305	1,522	-	140	1,014	151	155	18	47	-	-	128,777	1,514	1,378	619

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1103 SAU05 Good, medium sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	5	27	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	74	964	1	-	-	-	-	0	-	-	-	-	23	-	-	-
35	14	17	83	953	71	-	-	-	7	56	1	3	-	-	3,746	-	-	-
45	18	20	83	948	188	-	-	-	64	86	20	13	-	-	10,535	9	-	-
55	22	23	83	942	198	-	-	-	148	113	20	13	-	-	17,515	53	-	-
65	25	28	66	399	236	-	-	4	132	88	10	15	-	-	15,011	134	-	-
75	28	31	75	396	306	-	-	14	191	109	13	19	-	-	21,412	254	17	-
85	30	33	79	392	433	-	3	40	223	128	11	22	-	-	27,217	366	50	-
95	32	35	80	389	521	-	9	79	232	130	12	25	-	-	32,254	467	101	-
105	35	37	80	385	606	-	24	122	266	148	11	29	-	-	41,175	559	193	-
115	36	39	80	377	690	-	41	179	267	152	12	32	-	-	48,671	649	295	6
125	38	41	80	371	774	-	60	241	261	153	13	34	-	-	56,335	739	386	32
135	39	42	79	366	854	-	83	302	254	148	14	34	-	-	63,687	824	492	57
145	41	44	79	360	929	-	101	383	242	154	15	35	-	-	72,616	902	614	78
155	42	45	78	353	1,001	-	107	432	236	153	16	36	-	-	77,471	977	722	117
165	43	46	78	346	1,070	-	129	499	224	155	18	37	-	-	85,434	1,047	815	140
175	44	48	78	341	1,134	-	137	555	215	155	17	38	-	-	90,697	1,113	887	175
185	45	49	77	333	1,194	-	144	682	198	159	18	42	-	-	102,368	1,177	956	229
195	46	50	77	326	1,251	-	166	734	194	161	20	43	-	-	109,567	1,235	1,031	271
205	46	51	76	321	1,304	-	169	781	193	158	20	43	-	-	113,913	1,290	1,096	293
215	47	52	76	315	1,354	-	174	769	182	142	19	41	-	-	111,606	1,342	1,160	371
225	48	53	75	310	1,400	-	188	839	181	153	20	44	-	-	120,250	1,390	1,213	438
235	49	54	75	305	1,442	-	192	847	170	148	19	42	-	-	120,313	1,432	1,278	491
245	49	55	75	301	1,483	-	187	980	161	153	19	49	-	-	131,715	1,474	1,331	527

Table 1051 SAU06 Poor sites, Hw leading, west side, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	3	6	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	7	18	493	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	9	12	38	487	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	16	58	482	12	-	-	-	0	12	0	0	-	-	673	-	-	-
55	13	19	71	479	54	-	-	-	1	49	0	3	-	-	2,910	-	-	-
65	15	22	78	476	97	-	-	-	3	75	1	12	-	-	5,032	1	-	-
75	17	24	80	473	134	-	-	-	2	103	3	22	-	-	7,111	11	-	-
85	19	26	80	471	173	-	-	-	8	130	8	29	-	-	9,636	37	-	-
95	21	27	80	468	211	-	-	0	20	152	16	30	-	-	12,115	75	-	-
105	22	28	80	466	249	-	-	2	38	162	19	30	-	-	14,169	120	-	-
115	23	29	80	464	285	-	-	5	57	174	18	27	-	-	16,149	176	1	-
125	25	31	80	461	320	-	-	6	78	184	18	29	-	-	18,308	222	3	-
135	26	31	79	459	354	-	-	16	98	184	16	30	-	-	20,494	261	12	-
145	27	32	79	456	386	-	-	25	124	188	16	32	-	-	23,404	302	17	-
155	28	33	78	453	417	-	-	33	140	189	14	33	-	-	25,175	344	28	-
165	28	34	78	451	447	-	-	50	150	191	13	33	-	-	27,494	380	42	-
175	29	34	78	448	476	-	-	64	163	192	14	34	-	-	29,831	413	63	-
185	30	35	77	446	504	-	-	74	177	198	14	36	-	-	32,161	448	85	-
195	31	36	77	442	531	-	-	92	180	202	14	37	-	-	34,263	477	104	-
205	31	36	76	440	556	-	-	115	196	202	15	39	-	-	37,506	511	124	-
215	32	37	76	437	582	-	-	130	208	203	17	39	-	-	39,926	537	144	-
225	32	37	75	434	605	-	-	133	224	187	14	40	-	-	40,261	564	167	-
235	33	38	75	430	628	-	-	156	223	187	15	39	-	-	42,339	588	208	-
245	33	38	75	428	650	-	-	184	222	190	17	41	-	-	45,254	611	229	4

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1052 SAU06 Poor sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	3	12	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	7	35	976	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	9	11	66	962	-	-	-	-	-	-	0	-	-	-	4	-	-	-
45	11	15	79	951	13	-	-	-	-	13	-	-	-	-	715	-	-	-
55	13	17	82	943	62	-	-	-	1	53	-	5	-	-	3,191	-	-	-
65	16	19	82	937	115	-	-	-	12	82	3	15	-	-	6,045	-	-	-
75	18	20	82	932	165	-	-	-	30	102	11	19	-	-	9,021	4	-	-
85	19	21	81	928	212	-	-	-	55	120	22	21	-	-	12,378	11	-	-
95	21	22	81	923	258	-	-	-	80	122	24	19	-	-	14,050	32	-	-
105	22	23	81	915	301	-	-	-	106	153	21	20	-	-	17,296	60	-	-
115	24	24	80	907	342	-	-	1	132	166	17	22	-	-	19,728	97	-	-
125	25	25	80	899	380	-	-	3	155	171	15	25	-	-	21,766	128	-	-
135	26	25	79	888	415	-	-	4	185	184	12	30	-	-	24,590	172	-	-
145	27	26	79	873	450	-	-	8	202	184	12	31	-	-	26,097	219	7	-
155	28	26	78	859	482	-	-	15	234	194	16	32	-	-	29,661	258	13	-
165	29	27	78	843	513	-	-	16	247	192	16	33	-	-	30,571	300	18	-
175	29	28	78	823	542	-	-	23	264	199	17	34	-	-	32,837	336	31	-
185	30	28	77	810	569	-	-	30	289	207	18	35	-	-	35,598	374	37	-
195	31	29	77	790	596	-	-	39	303	207	16	37	-	-	37,280	407	46	-
205	32	29	76	778	622	-	1	50	318	214	16	38	-	-	39,789	441	50	-
215	32	30	76	761	646	-	1	68	301	205	16	36	-	-	39,742	473	62	-
225	33	30	75	743	669	-	-	73	318	207	18	38	-	-	41,517	503	77	-
235	33	31	75	728	693	-	1	93	341	211	17	41	-	-	45,238	528	100	-
245	34	31	75	713	715	-	1	108	334	214	18	40	-	-	46,365	557	129	-

Table 1053 SAU06 Poor sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,861	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	2	33	4,829	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	5	68	4,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	9	7	82	4,487	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	9	83	4,389	4	-	-	-	-	4	-	-	-	-	239	-	-	-
55	14	10	83	4,303	28	-	-	-	4	20	1	1	-	-	1,455	-	-	-
65	16	11	82	4,179	68	-	-	-	22	31	8	2	-	-	3,659	-	-	-
75	18	12	82	4,002	120	-	-	-	52	48	14	3	-	-	6,898	1	-	-
85	20	13	81	3,728	175	-	-	-	88	67	13	5	-	-	10,330	2	-	-
95	22	14	81	3,284	231	-	-	-	128	87	10	8	-	-	14,030	9	-	-
105	23	15	81	2,795	282	-	-	-	154	95	11	13	-	-	16,479	20	-	-
115	24	16	80	2,329	332	-	-	-	186	110	14	19	-	-	19,858	43	-	-
125	26	18	80	1,927	376	-	-	-	205	122	15	24	-	-	22,083	69	-	-
135	27	19	79	1,678	417	-	-	1	223	143	17	26	-	-	24,618	103	-	-
145	28	20	79	1,496	455	-	-	2	243	152	19	26	-	-	26,657	138	-	-
155	29	21	78	1,350	491	-	1	2	273	171	18	29	-	-	29,919	184	2	-
165	30	22	78	1,259	524	-	2	4	301	185	18	31	-	-	32,823	219	4	-
175	30	23	78	1,196	556	-	3	8	306	186	15	33	-	-	33,717	261	10	-
185	31	24	77	1,126	587	-	5	9	323	195	14	35	-	-	35,621	300	16	-
195	32	25	77	1,073	616	-	12	14	358	195	13	38	-	-	39,288	344	22	-
205	33	25	76	1,020	644	-	13	16	369	200	14	38	-	-	40,604	383	34	-
215	33	26	76	979	670	-	21	24	378	201	14	39	-	-	42,916	418	47	-
225	34	26	75	947	697	-	25	27	368	193	12	37	-	-	42,413	457	56	-
235	34	27	75	920	723	-	34	39	405	203	13	42	-	-	47,754	493	75	-
245	35	28	75	887	748	-	34	37	418	202	13	41	-	-	48,404	521	94	-

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1054 SAU06 Poor sites, Hw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,861	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	2	33	4,829	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	5	68	4,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	9	11	62	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	15	78	977	14	-	-	-	0	13	-	-	-	-	736	-	-	-
55	14	17	82	969	72	-	-	-	3	59	1	6	-	-	3,709	-	-	-
65	16	19	82	963	129	-	-	-	19	82	5	18	-	-	6,836	-	-	-
75	18	20	82	956	186	-	-	-	47	98	18	22	-	-	10,403	2	-	-
85	20	21	81	951	242	-	-	-	73	123	26	23	-	-	13,908	14	-	-
95	22	22	81	942	292	-	-	-	101	141	22	22	-	-	16,489	33	-	-
105	23	23	81	931	340	-	-	-	125	163	16	23	-	-	19,058	63	-	-
115	24	24	80	918	384	-	-	-	154	183	14	27	-	-	22,057	108	-	-
125	26	25	80	898	425	-	-	1	184	182	14	32	-	-	24,306	152	-	-
135	27	26	79	879	465	-	-	2	215	193	16	34	-	-	27,280	200	-	-
145	28	26	79	861	503	-	-	5	241	203	16	36	-	-	29,940	248	-	-
155	29	27	78	840	538	-	-	8	265	219	17	37	-	-	32,729	300	2	-
165	30	28	78	826	573	-	-	15	275	214	18	36	-	-	33,737	343	8	-
175	31	28	78	813	605	-	2	23	302	223	17	36	-	-	36,908	391	20	-
185	31	29	77	792	635	-	-	32	323	234	19	39	-	-	39,720	433	40	-
195	32	30	77	775	664	-	2	44	337	229	17	40	-	-	41,615	470	49	-
205	33	30	76	759	693	-	2	46	352	235	16	41	-	-	43,221	506	70	-
215	33	31	76	750	720	-	3	63	339	218	16	40	-	-	42,949	543	78	-
225	34	31	75	737	746	-	4	77	379	240	15	43	-	-	48,210	573	97	-
235	35	31	75	725	773	-	5	93	365	233	14	44	-	-	48,563	609	117	-
245	35	32	75	714	797	-	7	107	398	246	15	46	-	-	53,010	638	134	-

Table 1055 SAU07 Good, medium sites, Cw leading, west side, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	10	478	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	57	453	1	-	-	-	-	1	-	-	-	-	23	-	-	-
35	14	21	79	442	89	-	-	-	39	39	2	6	-	-	4,865	-	-	-
45	18	27	83	440	193	-	-	-	149	7	16	14	-	-	12,608	60	-	-
55	22	32	83	438	312	-	-	5	266	11	11	11	-	-	21,871	234	11	-
65	25	36	82	436	433	-	1	34	363	6	15	17	-	-	32,210	392	62	-
75	28	39	82	433	548	-	5	96	439	9	12	18	-	-	44,411	521	174	-
85	30	41	81	431	655	-	8	168	442	8	10	18	-	-	51,645	634	321	11
95	33	43	81	429	757	-	19	226	438	9	8	17	-	-	58,044	737	459	45
105	34	45	81	425	855	-	24	357	468	9	8	20	-	-	73,196	836	577	85
115	36	47	80	423	950	-	42	418	438	7	10	19	-	-	78,812	931	694	176
125	38	49	80	419	1,042	-	46	512	436	7	10	18	-	-	87,852	1,024	798	272
135	39	50	79	414	1,130	-	61	600	439	8	10	18	-	-	98,155	1,113	894	382
145	40	51	79	411	1,213	-	67	639	425	8	10	16	-	-	101,420	1,197	990	515
155	42	53	78	407	1,292	-	76	755	417	6	11	16	-	-	112,613	1,276	1,072	625
165	42	54	78	403	1,365	-	76	806	410	6	12	16	-	-	116,994	1,349	1,147	738
175	43	55	78	398	1,431	-	77	913	411	6	13	15	-	-	127,182	1,417	1,218	824
185	44	56	77	394	1,492	-	83	949	413	6	14	16	-	-	131,420	1,478	1,280	927
195	45	57	77	390	1,548	-	90	1,068	408	6	15	16	-	-	143,071	1,534	1,341	996
205	46	58	76	384	1,597	-	93	1,090	401	7	18	16	-	-	145,108	1,585	1,393	1,062
215	46	58	76	381	1,651	-	95	1,191	404	7	17	15	-	-	154,921	1,639	1,447	1,144
225	47	59	75	376	1,704	-	84	1,118	387	5	18	14	-	-	145,566	1,695	1,504	1,221
235	48	60	75	371	1,755	-	101	1,241	391	6	16	15	-	-	159,247	1,746	1,559	1,285
245	49	61	75	366	1,802	-	95	1,251	377	5	16	15	-	-	158,316	1,794	1,610	1,346

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1056 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	78	902	-	-	-	-	-	0	-	-	-	-	13	-	-	-
35	14	18	83	881	97	-	-	-	26	59	6	1	-	-	4,686	-	-	-
45	18	22	83	876	232	-	-	-	150	45	25	3	-	-	14,120	15	-	-
55	22	25	83	872	364	-	-	1	283	51	23	5	-	-	24,437	126	1	-
65	25	28	82	864	486	-	1	5	396	45	25	10	-	-	33,383	282	19	-
75	28	30	82	857	597	-	15	11	486	44	20	11	-	-	42,315	423	59	-
85	31	31	81	842	701	-	46	34	523	41	16	17	-	-	50,545	539	184	3
95	33	33	81	825	798	-	88	67	570	39	17	20	-	-	62,158	648	310	24
105	35	34	81	793	894	-	143	127	555	39	15	20	-	-	73,007	747	454	51
115	36	36	80	753	985	-	184	180	549	36	15	18	-	-	82,310	845	575	91
125	38	38	80	720	1,075	-	232	253	542	33	17	17	-	-	93,926	939	700	157
135	39	40	79	686	1,160	-	274	332	514	32	16	16	-	-	104,083	1,030	804	278
145	41	41	79	664	1,241	-	300	378	516	29	16	16	-	-	111,328	1,116	894	407
155	42	42	78	641	1,317	-	321	430	488	26	16	15	-	-	116,357	1,197	986	537
165	43	44	78	620	1,386	-	371	521	511	25	18	16	-	-	132,460	1,271	1,069	664
175	44	45	78	603	1,449	-	354	532	483	23	18	15	-	-	129,243	1,338	1,140	757
185	44	46	77	592	1,509	-	354	549	487	24	20	15	-	-	131,125	1,401	1,207	853
195	45	47	77	568	1,556	-	417	652	450	21	22	15	-	-	145,186	1,456	1,264	935
205	46	48	76	558	1,604	-	381	633	407	20	20	13	-	-	135,782	1,507	1,316	993
215	47	49	76	541	1,652	-	383	630	435	20	20	14	-	-	137,886	1,560	1,373	1,076
225	47	50	75	522	1,700	-	471	829	440	19	22	15	-	-	167,179	1,615	1,430	1,153
235	48	51	75	503	1,744	-	462	825	419	16	19	14	-	-	163,780	1,666	1,484	1,221
245	49	52	75	488	1,787	-	478	865	422	15	18	15	-	-	169,613	1,713	1,534	1,282

Table 1062 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	8	84	4,518	-	-	-	-	-	0	-	-	-	-	4	-	-	-
35	15	11	84	4,035	42	-	-	-	15	19	5	1	-	-	2,113	-	-	-
45	19	13	83	3,394	199	-	-	-	120	61	14	0	-	-	12,101	3	-	-
55	23	16	83	2,583	349	-	-	-	255	52	26	2	-	-	22,378	73	-	-
65	26	19	82	2,118	476	-	-	1	392	57	20	5	-	-	32,754	254	6	-
75	29	21	82	1,790	594	-	7	5	491	47	13	16	-	-	41,100	413	37	-
85	32	24	81	1,500	706	-	50	16	567	45	15	20	-	-	53,035	541	153	-
95	34	26	81	1,306	815	-	102	45	581	43	13	19	-	-	62,619	659	309	4
105	36	29	81	1,137	919	-	166	79	569	41	13	19	-	-	72,404	769	473	28
115	38	31	80	1,006	1,022	-	245	131	532	37	13	18	-	-	83,619	878	612	93
125	39	34	80	901	1,118	-	320	186	540	34	13	18	-	-	98,004	982	736	184
135	41	36	79	824	1,211	-	388	254	530	33	12	18	-	-	111,560	1,080	873	329
145	42	38	79	756	1,293	-	418	309	525	30	14	19	-	-	119,740	1,171	977	434
155	43	40	78	702	1,369	-	453	384	482	27	15	16	-	-	127,298	1,255	1,070	561
165	44	42	78	659	1,441	-	475	398	472	25	17	15	-	-	130,397	1,333	1,149	673
175	45	43	78	622	1,503	-	532	485	462	24	18	16	-	-	144,479	1,401	1,222	795
185	46	45	77	592	1,561	-	571	536	457	22	19	15	-	-	153,322	1,465	1,290	884
195	47	46	77	572	1,613	-	583	599	428	20	18	14	-	-	158,212	1,521	1,347	968
205	47	47	76	544	1,657	-	615	671	455	20	21	16	-	-	170,758	1,572	1,400	1,057
215	48	49	76	525	1,706	-	569	615	439	17	19	15	-	-	158,748	1,625	1,456	1,109
225	49	50	75	496	1,755	-	539	605	388	15	18	14	-	-	150,296	1,679	1,514	1,168
235	50	52	75	467	1,798	-	601	695	394	14	16	14	-	-	166,309	1,731	1,569	1,240
245	50	53	75	448	1,842	-	637	772	396	12	21	14	-	-	177,882	1,780	1,620	1,310

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1066 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	8	84	4,521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	15	10	84	4,001	35	-	-	-	14	14	5	1	-	15	1,822	-	-	-
45	19	13	83	3,420	190	-	-	-	119	57	12	0	-	66	11,809	2	-	-
55	23	16	83	2,562	342	-	-	-	254	50	26	2	-	99	22,139	69	-	-
65	26	19	82	2,112	469	-	2	-	397	56	18	5	-	133	33,210	242	6	-
75	29	21	82	1,794	588	-	8	4	495	45	14	16	-	152	41,256	404	33	-
85	32	24	81	1,501	701	-	41	13	566	43	13	20	-	173	51,404	534	155	-
95	34	26	81	1,285	809	-	105	49	554	41	12	19	-	189	61,699	651	302	4
105	36	29	81	1,134	917	-	188	89	566	39	12	19	-	214	76,818	766	464	23
115	38	31	80	996	1,020	-	219	140	553	37	13	18	-	228	87,341	875	614	84
125	39	34	80	896	1,118	-	286	181	535	35	13	18	-	235	99,216	980	746	188
135	41	36	79	820	1,210	-	297	252	528	31	12	17	-	257	112,864	1,079	880	319
145	42	38	79	747	1,293	-	346	323	503	30	13	19	-	268	126,332	1,172	984	453
155	43	40	78	692	1,372	-	342	378	463	27	14	17	-	278	133,356	1,258	1,073	582
165	44	42	78	649	1,444	-	361	418	450	25	19	17	-	274	139,360	1,335	1,157	692
175	45	43	78	615	1,506	-	370	456	445	23	18	16	-	282	145,998	1,405	1,232	787
185	46	45	77	588	1,565	-	389	568	450	23	20	16	-	320	168,665	1,468	1,296	881
195	47	46	77	562	1,616	-	374	579	439	19	19	15	-	314	167,536	1,525	1,358	973
205	48	48	76	535	1,662	-	378	595	434	19	21	16	-	309	169,063	1,576	1,411	1,045
215	48	49	76	512	1,708	-	417	688	412	17	19	15	-	329	185,657	1,630	1,467	1,106
225	49	51	75	487	1,758	-	413	687	382	15	18	14	-	310	180,648	1,685	1,523	1,173
235	50	52	75	457	1,801	-	367	665	361	14	19	13	-	301	173,406	1,736	1,577	1,245
245	51	54	75	439	1,844	-	416	788	366	12	23	14	-	336	196,343	1,784	1,628	1,316

Table 1129 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 600 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	14	71	671	1	-	-	-	-	1	-	-	-	-	52	-	-	-
35	15	20	83	655	121	-	-	-	68	32	11	6	-	-	6,950	-	-	-
45	19	25	83	652	256	-	-	-	190	33	16	6	-	-	16,404	64	-	-
55	23	29	83	646	395	-	-	2	333	21	22	10	-	-	27,127	256	1	-
65	26	32	82	636	527	-	1	16	468	25	19	14	-	-	38,901	439	37	-
75	29	35	82	628	648	-	16	47	527	23	13	16	-	-	47,707	571	134	-
85	32	37	81	616	761	-	51	87	562	21	12	21	-	-	58,130	687	284	-
95	34	39	81	604	867	-	93	143	547	19	13	21	-	-	67,100	797	444	17
105	36	41	81	586	971	-	142	211	551	16	15	20	-	-	79,393	903	587	71
115	38	42	80	574	1,074	-	170	296	551	17	15	20	-	-	90,566	1,007	725	144
125	39	44	80	560	1,171	-	216	399	524	16	15	18	-	-	103,263	1,108	849	276
135	41	45	79	546	1,265	-	241	460	516	15	14	18	-	-	111,332	1,204	952	421
145	42	47	79	533	1,352	-	246	532	494	15	14	16	-	-	116,818	1,294	1,049	551
155	43	48	78	521	1,431	-	300	636	506	13	17	17	-	-	133,650	1,377	1,137	666
165	44	50	78	505	1,502	-	307	698	508	13	17	17	-	-	140,419	1,451	1,215	790
175	45	51	78	486	1,563	-	314	701	474	11	18	16	-	-	138,806	1,519	1,289	887
185	46	52	77	473	1,622	-	340	815	485	10	18	18	-	-	153,246	1,582	1,353	983
195	47	53	77	464	1,675	-	319	798	463	10	20	16	-	-	147,524	1,636	1,410	1,054
205	47	54	76	454	1,722	-	359	892	470	10	19	16	-	-	161,384	1,686	1,462	1,117
215	48	55	76	444	1,772	-	352	940	454	9	21	15	-	-	163,735	1,738	1,518	1,200
225	49	57	75	425	1,817	-	364	949	422	9	19	16	-	-	163,502	1,789	1,574	1,270
235	50	57	75	417	1,865	-	369	1,000	446	9	19	17	-	-	170,609	1,839	1,628	1,343
245	50	58	75	407	1,910	-	353	963	426	8	20	16	-	-	163,857	1,885	1,678	1,408

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1067 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 700 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	70	671	1	-	-	-	-	1	-	-	-	0	42	-	-	-
35	15	20	83	655	113	-	-	-	63	30	11	5	-	49	6,497	-	-	-
45	19	25	83	652	248	-	-	-	189	35	16	5	-	92	16,330	42	-	-
55	23	29	83	646	389	-	1	-	330	20	22	10	-	130	26,762	238	1	-
65	26	32	82	637	520	-	2	12	467	24	19	14	-	167	38,456	426	27	-
75	29	34	82	629	641	-	31	29	529	23	13	16	-	188	47,997	559	118	-
85	32	36	81	617	753	-	69	56	571	20	12	21	-	208	58,246	679	269	-
95	34	38	81	605	860	-	114	112	564	18	13	22	-	227	69,958	787	428	13
105	36	40	81	586	964	-	140	172	552	16	15	20	-	245	80,317	896	569	66
115	38	42	80	574	1,066	-	158	242	550	17	15	19	-	261	91,432	1,000	704	143
125	39	43	80	560	1,165	-	163	330	540	16	12	19	-	283	105,798	1,100	828	254
135	41	45	79	546	1,258	-	176	400	528	15	13	18	-	299	117,620	1,197	942	410
145	42	46	79	533	1,345	-	160	475	495	14	13	16	-	303	126,107	1,285	1,036	536
155	43	48	78	521	1,424	-	171	541	501	14	17	18	-	322	138,452	1,368	1,125	663
165	44	49	78	506	1,496	-	179	647	505	13	18	17	-	352	154,988	1,444	1,203	774
175	45	51	78	486	1,556	-	177	658	472	10	19	17	-	343	154,702	1,511	1,276	871
185	46	52	77	473	1,615	-	177	734	470	10	18	17	-	356	164,015	1,574	1,341	965
195	47	53	77	464	1,668	-	182	776	454	9	20	15	-	361	170,343	1,630	1,398	1,049
205	47	54	76	454	1,716	-	167	800	469	10	19	16	-	373	176,554	1,679	1,451	1,104
215	48	55	76	443	1,765	-	180	874	448	9	23	16	-	376	182,282	1,731	1,506	1,183
225	49	56	75	425	1,809	-	175	832	429	8	20	17	-	355	174,908	1,780	1,563	1,262
235	49	57	75	416	1,858	-	181	971	445	8	21	17	-	400	199,044	1,831	1,616	1,322
245	50	58	75	408	1,903	-	178	1,063	418	8	22	15	-	407	209,671	1,879	1,667	1,383

Table 1063 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	80	958	1	-	-	-	-	1	-	-	-	-	41	-	-	-
35	15	19	83	935	123	-	-	-	55	45	13	2	-	-	6,565	-	-	-
45	19	22	83	923	270	-	-	-	186	51	21	2	-	-	16,932	28	-	-
55	23	26	83	910	412	-	-	-	339	42	27	6	-	-	28,366	178	-	-
65	26	28	82	888	538	-	1	3	449	45	22	7	-	-	37,123	359	13	-
75	29	30	82	867	653	-	20	11	541	42	18	15	-	-	46,917	496	82	-
85	32	32	81	831	763	-	59	27	579	38	15	19	-	-	55,571	615	223	-
95	34	34	81	798	868	-	117	77	589	38	15	20	-	-	67,899	727	380	4
105	36	36	81	770	972	-	157	128	590	34	15	19	-	-	77,155	834	527	37
115	38	37	80	738	1,073	-	248	175	578	32	16	19	-	-	91,330	940	666	128
125	39	39	80	711	1,169	-	303	267	555	31	16	17	-	-	104,484	1,043	787	224
135	41	41	79	679	1,261	-	373	349	552	29	14	17	-	-	119,993	1,140	901	375
145	42	42	79	651	1,345	-	365	373	515	28	14	15	-	-	118,369	1,232	1,007	500
155	43	44	78	618	1,420	-	393	431	503	25	17	15	-	-	125,999	1,316	1,097	629
165	44	46	78	588	1,489	-	403	492	510	22	18	16	-	-	133,398	1,393	1,177	748
175	45	47	78	566	1,551	-	465	604	487	21	23	16	-	-	149,365	1,461	1,250	844
185	46	48	77	549	1,608	-	484	611	474	18	20	15	-	-	151,017	1,524	1,317	949
195	47	49	77	532	1,659	-	520	716	484	18	22	15	-	-	165,842	1,581	1,376	1,024
205	47	50	76	510	1,700	-	484	708	432	17	19	14	-	-	156,707	1,628	1,428	1,088
215	48	51	76	498	1,750	-	508	724	420	14	18	15	-	-	159,958	1,680	1,487	1,153
225	49	53	75	481	1,798	-	541	817	437	15	19	14	-	-	173,767	1,732	1,544	1,238
235	50	54	75	463	1,843	-	560	860	428	13	20	16	-	-	179,218	1,783	1,599	1,297
245	50	55	75	445	1,884	-	522	870	400	12	21	14	-	-	173,551	1,830	1,649	1,354

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1064 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	79	958	1	-	-	-	-	1	-	-	-	0	30	-	-	-
35	15	18	83	935	112	-	-	-	53	39	13	2	-	49	6,157	-	-	-
45	19	22	83	923	265	-	-	-	181	53	20	2	-	95	16,646	21	-	-
55	23	25	83	910	406	-	-	-	326	42	27	6	-	131	27,383	158	-	-
65	26	28	82	888	534	-	2	1	459	45	22	8	-	164	37,823	343	11	-
75	29	30	82	868	649	-	18	11	546	42	17	15	-	187	46,988	487	74	-
85	32	32	81	831	758	-	65	29	582	39	14	19	-	207	56,823	604	207	-
95	34	34	81	798	863	-	119	74	588	39	16	19	-	226	68,013	716	371	4
105	36	35	81	767	966	-	159	121	583	34	15	19	-	244	78,946	824	520	32
115	38	37	80	739	1,068	-	201	180	568	32	16	18	-	263	92,039	929	661	125
125	39	39	80	712	1,165	-	234	255	547	32	16	17	-	285	105,907	1,032	779	228
135	41	41	79	679	1,255	-	255	298	558	29	15	18	-	297	116,568	1,130	896	371
145	42	42	79	652	1,341	-	238	381	516	28	15	16	-	306	126,782	1,222	1,001	492
155	43	44	78	617	1,415	-	271	437	504	24	18	16	-	320	138,419	1,306	1,094	613
165	44	45	78	587	1,484	-	276	543	490	21	18	15	-	342	153,611	1,384	1,172	736
175	45	47	78	565	1,546	-	272	515	481	21	20	14	-	326	147,545	1,452	1,244	828
185	46	48	77	548	1,605	-	261	609	461	18	21	14	-	345	162,247	1,515	1,312	945
195	47	49	77	532	1,656	-	290	695	481	18	21	15	-	376	179,554	1,572	1,372	1,026
205	47	50	76	509	1,697	-	268	693	432	16	22	15	-	352	173,030	1,620	1,425	1,095
215	48	51	76	495	1,745	-	253	690	419	14	18	14	-	343	169,951	1,672	1,480	1,166
225	49	52	75	481	1,793	-	275	776	426	14	20	15	-	362	183,934	1,724	1,538	1,235
235	50	54	75	463	1,839	-	269	812	426	14	22	14	-	372	189,298	1,775	1,592	1,300
245	50	55	75	443	1,880	-	291	810	395	12	24	14	-	358	187,745	1,821	1,643	1,353

Table 1105 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	79	958	1	-	-	-	-	1	-	-	-	0	30	-	-	-
35	15	18	83	935	112	-	-	-	53	39	13	2	-	49	6,157	-	-	-
45	19	22	83	923	265	-	-	-	181	53	20	2	-	95	16,646	21	-	-
55	23	25	83	910	260	-	-	-	326	42	27	6	-	131	27,383	158	-	-
65	26	32	70	398	332	-	1	1	305	16	11	7	-	107	24,526	289	11	-
75	29	36	78	395	428	-	29	14	402	13	8	14	-	141	36,092	418	95	-
85	32	39	81	391	577	-	75	36	402	12	6	16	-	150	43,517	538	241	-
95	34	41	81	387	692	-	144	86	410	11	6	16	-	177	57,370	655	441	12
105	36	44	81	383	806	-	206	147	402	10	8	15	-	205	73,393	770	601	54
115	38	46	80	377	918	-	243	217	364	10	8	14	-	220	85,754	882	738	168
125	39	48	80	370	1,025	-	262	278	358	10	8	14	-	236	97,563	992	862	290
135	41	50	79	363	1,126	-	262	367	347	9	8	14	-	257	112,964	1,095	977	465
145	42	52	79	357	1,220	-	267	402	343	8	8	13	-	265	119,535	1,190	1,083	588
155	43	54	78	346	1,305	-	275	494	310	8	11	12	-	282	133,222	1,277	1,172	723
165	44	56	78	340	1,383	-	264	557	313	7	14	12	-	294	143,227	1,356	1,252	842
175	45	57	78	334	1,453	-	298	593	303	7	15	11	-	303	150,917	1,429	1,326	938
185	46	58	77	331	1,519	-	313	684	331	7	14	13	-	332	168,855	1,494	1,393	1,044
195	47	59	77	323	1,574	-	310	750	312	6	16	12	-	343	178,252	1,551	1,451	1,121
205	47	61	76	317	1,624	-	299	767	288	6	15	10	-	333	177,766	1,604	1,506	1,190
215	48	62	76	313	1,678	-	298	791	299	5	15	13	-	338	180,147	1,658	1,561	1,261
225	49	63	75	310	1,735	-	301	849	288	5	18	12	-	348	189,113	1,715	1,618	1,358
235	50	64	75	306	1,788	-	294	886	277	5	19	12	-	348	191,807	1,769	1,673	1,419
245	50	65	75	299	1,835	-	318	964	287	5	21	12	-	375	207,824	1,819	1,724	1,477

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1107 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,878	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	53	4,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	80	958	1	-	-	-	-	1	-	-	-	-	41	-	-	-
35	15	19	83	935	123	-	-	-	55	45	13	2	-	-	6,565	-	-	-
45	19	22	83	923	270	-	-	-	186	51	21	2	-	-	16,932	28	-	-
55	23	26	83	910	259	-	-	-	339	42	27	6	-	-	28,366	178	-	-
65	26	33	70	398	334	-	2	3	310	15	12	7	-	-	25,137	299	14	-
75	29	36	78	395	431	-	28	14	401	13	7	14	-	-	35,924	424	101	-
85	32	39	81	391	580	-	73	39	414	11	7	16	-	-	44,460	542	254	-
95	34	42	81	387	695	-	146	92	416	10	7	16	-	-	58,197	659	455	13
105	36	44	81	383	810	-	230	164	394	9	9	15	-	-	73,008	775	611	59
115	38	47	80	377	922	-	293	218	368	9	9	14	-	-	83,501	888	747	164
125	39	49	80	369	1,030	-	341	288	358	10	10	13	-	-	94,851	997	872	300
135	41	51	79	362	1,130	-	369	362	342	8	9	13	-	-	103,819	1,101	986	470
145	42	53	79	355	1,224	-	400	412	338	9	9	13	-	-	111,817	1,197	1,089	593
155	43	54	78	345	1,310	-	437	474	315	7	12	12	-	-	120,139	1,284	1,179	730
165	44	56	78	338	1,387	-	453	528	320	7	13	12	-	-	127,441	1,363	1,261	853
175	45	57	78	333	1,458	-	512	632	307	6	17	12	-	-	143,060	1,435	1,334	963
185	46	59	77	329	1,522	-	551	700	324	6	17	12	-	-	155,193	1,500	1,399	1,056
195	47	60	77	322	1,579	-	541	731	312	6	16	12	-	-	155,981	1,559	1,459	1,137
205	47	61	76	315	1,628	-	554	788	296	5	17	12	-	-	161,529	1,610	1,512	1,211
215	48	62	76	312	1,683	-	527	766	304	6	17	12	-	-	156,907	1,664	1,568	1,287
225	49	63	75	310	1,739	-	576	863	286	5	16	12	-	-	170,216	1,721	1,625	1,349
235	50	64	75	306	1,792	-	572	878	275	5	18	12	-	-	170,344	1,776	1,679	1,418
245	50	65	75	299	1,840	-	594	931	279	5	20	11	-	-	178,291	1,825	1,730	1,476

Table 1128 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	77	902	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	14	18	83	882	82	-	-	-	26	46	5	2	-	34	4,116	-	-	-
45	18	22	83	877	228	-	-	-	147	46	24	3	-	67	13,921	11	-	-
55	22	25	83	873	360	-	-	1	280	48	24	4	-	96	24,084	112	1	-
65	25	27	82	866	482	-	4	2	396	48	24	9	-	119	33,570	271	14	-
75	28	29	82	855	592	-	17	10	476	45	19	11	-	136	41,712	407	53	-
85	31	31	81	843	695	-	41	27	530	42	16	17	-	152	50,214	525	162	3
95	33	32	81	822	794	-	74	59	548	43	16	18	-	166	59,428	633	292	21
105	35	34	81	797	890	-	115	102	557	39	16	19	-	183	70,124	733	452	46
115	36	36	80	759	983	-	153	160	537	38	15	18	-	195	80,468	831	579	83
125	38	38	80	719	1,072	-	187	223	523	33	16	17	-	213	92,299	927	691	170
135	39	39	79	694	1,159	-	216	319	516	32	17	17	-	240	109,922	1,018	797	267
145	41	41	79	668	1,241	-	221	366	496	30	14	16	-	244	115,362	1,106	891	393
155	42	42	78	643	1,317	-	222	393	494	24	17	16	-	245	119,139	1,188	976	526
165	43	43	78	627	1,390	-	258	498	507	25	18	16	-	278	139,276	1,264	1,056	658
175	44	45	78	602	1,451	-	268	564	472	23	20	16	-	283	146,534	1,333	1,128	746
185	44	46	77	584	1,510	-	282	636	471	22	21	15	-	299	158,024	1,396	1,193	834
195	45	47	77	572	1,562	-	279	621	445	21	21	14	-	282	151,511	1,451	1,252	945
205	46	48	76	558	1,610	-	247	621	412	21	22	12	-	270	147,751	1,504	1,307	1,021
215	47	49	76	542	1,659	-	291	704	434	18	21	13	-	297	164,261	1,559	1,363	1,096
225	47	50	75	523	1,708	-	299	721	441	17	23	15	-	296	165,337	1,615	1,421	1,187
235	48	51	75	504	1,752	-	312	785	405	17	22	14	-	304	173,176	1,667	1,477	1,255
245	49	52	75	490	1,798	-	277	808	407	16	20	15	-	307	174,757	1,716	1,528	1,308

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1109 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	77	902	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	14	18	83	882	82	-	-	-	26	46	5	2	-	34	4,116	-	-	-
45	18	22	83	877	158	-	-	-	147	46	24	3	-	67	13,921	11	-	-
55	22	25	83	873	245	-	-	1	280	48	24	4	-	96	24,084	112	1	-
65	25	32	76	397	335	-	5	3	270	11	14	10	-	85	22,356	248	14	-
75	28	35	81	395	434	-	19	11	376	12	9	12	-	108	32,603	380	66	-
85	31	38	81	393	544	-	61	42	380	11	7	15	-	120	41,404	497	211	4
95	33	41	81	389	650	-	107	90	399	11	7	16	-	144	53,980	609	375	25
105	35	43	81	384	753	-	143	155	409	11	5	16	-	165	66,779	714	542	64
115	36	45	80	381	853	-	170	209	364	10	8	15	-	167	73,631	816	665	106
125	38	47	80	375	951	-	177	280	365	10	8	15	-	184	86,067	914	770	224
135	39	49	79	369	1,045	-	213	364	359	8	8	15	-	208	101,483	1,008	871	340
145	41	51	79	364	1,134	-	205	406	351	8	6	14	-	213	105,986	1,098	972	468
155	42	52	78	360	1,215	-	195	437	338	9	10	13	-	211	108,666	1,181	1,059	606
165	43	54	78	353	1,291	-	223	555	334	8	12	14	-	235	126,179	1,256	1,140	694
175	44	55	78	346	1,358	-	254	607	333	6	13	13	-	252	137,012	1,326	1,213	795
185	45	56	77	341	1,421	-	263	724	329	6	15	13	-	279	155,199	1,390	1,277	891
195	45	58	77	337	1,478	-	250	750	327	6	17	13	-	273	154,384	1,448	1,338	976
205	46	59	76	331	1,529	-	264	737	305	5	15	11	-	262	151,249	1,501	1,391	1,059
215	47	60	76	327	1,583	-	288	866	315	5	17	12	-	293	170,732	1,555	1,447	1,132
225	47	61	75	321	1,638	-	259	800	309	7	14	11	-	272	159,195	1,613	1,506	1,232
235	48	62	75	315	1,690	-	295	932	287	6	16	13	-	293	175,368	1,666	1,560	1,310
245	49	63	75	312	1,739	-	288	935	314	5	15	14	-	303	180,288	1,717	1,611	1,376

Table 1057 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 700 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	69	671	-	-	-	-	-	0	-	-	-	-	9	-	-	-
35	14	20	82	655	103	-	-	-	33	56	5	3	-	-	5,096	-	-	-
45	18	24	83	652	226	-	-	-	164	29	23	5	-	-	14,450	29	-	-
55	22	28	83	649	356	-	-	3	293	29	19	6	-	-	24,355	177	3	-
65	25	31	82	645	482	-	2	13	423	26	21	14	-	-	35,360	350	24	-
75	28	33	82	641	596	-	8	31	483	26	17	11	-	-	42,184	492	94	-
85	31	35	81	636	702	-	35	70	539	26	13	19	-	-	53,223	603	218	4
95	33	37	81	627	801	-	73	113	530	23	13	19	-	-	60,814	707	352	25
105	35	39	81	615	898	-	107	173	544	22	14	20	-	-	71,486	806	498	55
115	36	40	80	600	992	-	151	248	528	20	14	19	-	-	82,253	901	627	96
125	38	42	80	585	1,084	-	188	326	519	19	15	18	-	-	93,135	995	746	193
135	39	43	79	573	1,171	-	209	411	510	17	14	17	-	-	102,585	1,086	849	319
145	41	45	79	559	1,253	-	232	450	513	17	17	16	-	-	109,162	1,171	938	431
155	42	46	78	549	1,330	-	267	514	516	15	15	18	-	-	119,373	1,251	1,024	548
165	43	47	78	537	1,400	-	278	585	494	15	16	17	-	-	125,642	1,325	1,104	663
175	44	48	78	525	1,465	-	273	631	478	14	20	17	-	-	127,951	1,391	1,172	768
185	44	49	77	516	1,523	-	299	694	466	13	19	17	-	-	135,880	1,452	1,239	834
195	45	50	77	504	1,575	-	306	829	474	13	20	16	-	-	149,809	1,509	1,297	931
205	46	51	76	494	1,623	-	310	771	456	13	19	15	-	-	143,550	1,560	1,349	986
215	47	52	76	482	1,672	-	330	869	441	12	20	16	-	-	153,780	1,613	1,405	1,070
225	47	53	75	469	1,722	-	338	883	444	11	20	15	-	-	156,099	1,668	1,463	1,151
235	48	54	75	459	1,769	-	335	901	425	10	20	15	-	-	155,996	1,718	1,517	1,213
245	49	55	75	440	1,809	-	349	994	393	8	20	16	-	-	163,721	1,763	1,568	1,277

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1058 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 700 sph, pruned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	67	671	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	14	19	82	655	93	-	-	-	32	49	5	3	-	39	4,767	-	-	-
45	18	24	83	652	223	-	-	-	160	31	22	5	-	71	14,175	19	-	-
55	22	28	83	649	354	-	1	1	285	29	18	7	-	96	23,642	167	1	-
65	25	31	82	645	480	-	5	6	429	24	23	15	-	131	35,590	338	22	-
75	28	33	82	641	596	-	17	18	484	27	17	12	-	139	42,135	485	79	-
85	31	35	81	636	702	-	50	48	537	25	12	19	-	163	53,511	600	210	4
95	33	37	81	627	801	-	83	89	537	22	13	19	-	175	61,626	704	353	25
105	35	38	81	614	899	-	111	146	565	21	13	21	-	194	73,748	804	493	55
115	37	40	80	599	993	-	138	220	534	19	14	19	-	206	83,815	901	624	92
125	38	42	80	586	1,085	-	148	279	518	19	16	18	-	221	93,545	994	741	180
135	39	43	79	573	1,172	-	154	370	510	16	15	18	-	237	106,790	1,085	849	310
145	41	44	79	559	1,255	-	161	432	501	17	16	17	-	250	114,797	1,171	939	423
155	42	46	78	548	1,332	-	184	518	504	16	18	17	-	267	127,601	1,251	1,025	552
165	43	47	78	536	1,403	-	192	548	484	15	18	18	-	269	131,100	1,324	1,105	660
175	44	48	78	523	1,466	-	197	616	480	14	20	17	-	282	140,889	1,391	1,175	756
185	45	49	77	516	1,524	-	196	646	462	14	18	15	-	280	143,058	1,452	1,240	825
195	45	50	77	504	1,576	-	220	798	467	12	21	17	-	317	166,205	1,509	1,296	909
205	46	51	76	494	1,624	-	223	768	460	12	21	15	-	301	160,943	1,559	1,349	977
215	47	52	76	482	1,673	-	233	837	453	11	21	15	-	316	170,821	1,612	1,404	1,053
225	47	53	75	468	1,724	-	225	825	441	11	20	15	-	309	168,430	1,667	1,460	1,146
235	48	54	75	457	1,770	-	222	854	427	10	19	14	-	305	167,019	1,717	1,515	1,203
245	49	55	75	439	1,809	-	212	893	390	8	17	15	-	301	168,777	1,762	1,566	1,271

Table 1111 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 700 sph, pruned, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	12	67	671	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	14	19	82	655	93	-	-	-	32	49	5	3	-	39	4,767	-	-	-
45	18	24	83	652	182	-	-	-	160	31	22	5	-	71	14,175	19	-	-
55	22	28	83	649	281	-	1	1	285	29	18	7	-	96	23,642	167	1	-
65	25	34	78	397	382	-	6	8	315	9	13	14	-	99	26,282	313	24	-
75	28	37	81	395	483	-	21	23	385	8	8	14	-	115	34,586	442	96	-
85	31	40	81	393	593	-	63	59	444	9	8	18	-	145	48,218	558	249	4
95	33	42	81	391	701	-	102	108	417	8	7	17	-	152	55,791	668	427	30
105	35	45	81	387	804	-	148	186	418	8	7	18	-	180	70,941	773	597	65
115	37	47	80	383	904	-	178	270	403	7	8	18	-	200	84,598	873	736	106
125	38	49	80	377	1,002	-	178	320	373	7	8	16	-	200	90,698	971	840	247
135	39	50	79	372	1,094	-	198	389	363	7	8	15	-	210	100,193	1,065	937	334
145	41	52	79	368	1,180	-	193	507	361	6	9	14	-	237	115,920	1,152	1,035	473
155	42	53	78	364	1,261	-	218	561	356	6	10	15	-	249	124,985	1,233	1,121	600
165	43	55	78	358	1,335	-	201	621	338	6	10	14	-	248	129,034	1,308	1,197	704
175	44	56	78	350	1,400	-	203	671	337	6	14	14	-	259	136,780	1,375	1,266	796
185	45	57	77	348	1,462	-	224	749	334	6	14	14	-	277	147,594	1,438	1,332	886
195	45	58	77	344	1,519	-	225	809	336	5	16	15	-	289	157,704	1,496	1,389	976
205	46	59	76	341	1,570	-	249	866	332	5	16	15	-	299	165,722	1,546	1,441	1,032
215	47	60	76	334	1,621	-	231	898	312	5	15	14	-	298	167,050	1,601	1,496	1,117
225	47	61	75	327	1,675	-	244	910	326	4	17	15	-	299	169,551	1,656	1,552	1,189
235	48	62	75	321	1,726	-	242	940	316	4	17	14	-	304	173,241	1,709	1,605	1,264
245	49	63	75	318	1,775	-	244	1,044	310	4	16	15	-	323	185,991	1,759	1,656	1,333

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1113 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, PCT to 700 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	69	671	-	-	-	-	-	0	-	-	-	-	9	-	-	-
35	14	20	82	655	103	-	-	-	33	56	5	3	-	-	5,096	-	-	-
45	18	24	83	652	196	-	-	-	164	29	23	5	-	-	14,450	29	-	-
55	22	28	83	649	283	-	-	3	293	29	19	6	-	-	24,355	177	3	-
65	25	34	78	397	383	-	3	11	321	8	13	14	-	-	26,612	319	25	-
75	28	37	81	395	483	-	14	34	390	8	8	13	-	-	35,066	443	113	-
85	31	40	81	393	593	-	56	78	444	9	7	19	-	-	48,393	561	254	4
95	33	43	81	391	701	-	97	123	417	8	7	16	-	-	55,183	671	435	30
105	35	45	81	387	804	-	148	197	424	8	7	18	-	-	68,554	775	604	65
115	36	47	80	383	904	-	186	301	399	8	8	18	-	-	80,691	876	738	111
125	38	49	80	377	1,001	-	216	353	369	7	9	16	-	-	86,830	973	840	247
135	39	51	79	372	1,093	-	247	433	374	7	10	14	-	-	98,212	1,066	939	334
145	41	52	79	368	1,179	-	266	494	360	6	8	15	-	-	104,916	1,153	1,035	472
155	42	54	78	364	1,260	-	285	638	361	5	12	15	-	-	120,562	1,234	1,122	594
165	43	55	78	358	1,334	-	276	624	345	6	11	15	-	-	117,033	1,310	1,202	710
175	44	56	78	351	1,399	-	326	755	343	5	12	15	-	-	134,865	1,376	1,271	797
185	44	57	77	348	1,461	-	323	792	337	5	15	14	-	-	137,595	1,439	1,334	901
195	45	58	77	345	1,518	-	345	895	334	5	16	14	-	-	149,476	1,497	1,391	977
205	46	59	76	341	1,569	-	355	908	341	5	16	14	-	-	152,344	1,548	1,445	1,038
215	47	60	76	334	1,621	-	324	906	316	4	15	13	-	-	146,562	1,602	1,499	1,119
225	47	61	75	328	1,674	-	359	993	323	5	17	14	-	-	159,257	1,657	1,555	1,191
235	48	63	75	323	1,726	-	359	1,003	309	4	17	14	-	-	159,076	1,710	1,608	1,266
245	49	63	75	319	1,775	-	375	1,080	308	4	18	15	-	-	168,139	1,759	1,659	1,344

Table 1115 SAU07 Good, medium sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	3	21	953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	9	13	78	902	-	-	-	-	-	0	-	-	-	-	13	-	-	-
35	14	18	83	881	97	-	-	-	26	59	6	1	-	-	4,686	-	-	-
45	18	22	83	876	161	-	-	-	150	45	25	3	-	-	14,120	15	-	-
55	22	25	83	872	249	-	-	1	283	51	23	5	-	-	24,437	126	1	-
65	25	32	76	398	339	-	4	5	276	12	14	10	-	-	22,834	258	20	-
75	28	36	81	396	439	-	19	13	381	12	8	13	-	-	33,314	389	80	-
85	31	38	81	394	548	-	56	42	385	11	7	16	-	-	40,563	505	218	4
95	33	41	81	391	654	-	105	85	410	10	8	16	-	-	52,217	613	376	25
105	35	43	81	386	757	-	169	146	407	10	6	17	-	-	65,121	718	542	64
115	36	45	80	381	857	-	213	223	376	10	7	17	-	-	75,078	820	668	118
125	38	48	80	374	954	-	251	300	364	10	9	15	-	-	85,716	918	779	219
135	39	49	79	369	1,046	-	282	360	361	8	9	15	-	-	94,641	1,012	882	346
145	41	51	79	365	1,135	-	313	443	360	9	9	14	-	-	105,949	1,100	977	474
155	42	53	78	358	1,215	-	314	471	328	8	9	13	-	-	106,214	1,183	1,063	601
165	43	54	78	352	1,290	-	362	603	343	8	11	14	-	-	125,196	1,258	1,139	697
175	44	55	78	348	1,358	-	378	634	335	8	12	13	-	-	129,330	1,327	1,212	789
185	44	56	77	344	1,421	-	411	691	342	7	15	14	-	-	139,172	1,390	1,277	884
195	45	58	77	336	1,477	-	433	749	328	7	17	12	-	-	146,061	1,449	1,338	987
205	46	59	76	330	1,527	-	402	744	312	6	15	12	-	-	140,695	1,501	1,395	1,053
215	47	60	76	326	1,580	-	424	798	321	6	16	13	-	-	148,957	1,555	1,449	1,145
225	47	61	75	322	1,635	-	415	813	303	5	16	13	-	-	147,839	1,611	1,507	1,227
235	48	62	75	314	1,686	-	441	919	308	5	16	14	-	-	160,983	1,664	1,561	1,299
245	49	63	75	307	1,734	-	470	945	311	5	17	15	-	-	167,109	1,714	1,612	1,356

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1068 SAU08 Poor sites, Cw leading, west side, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	2	1	3	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	5	7	19	469	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	8	12	44	454	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	17	66	445	22	-	-	-	-	20	1	-	-	-	891	-	-	-
55	13	21	76	439	70	-	-	-	14	50	0	3	-	-	3,287	-	-	-
65	15	23	79	436	107	-	-	-	65	25	0	13	-	-	6,342	2	-	-
75	17	26	80	433	144	-	-	-	108	9	4	22	-	-	9,319	21	-	-
85	18	27	81	431	182	-	-	-	144	4	9	24	-	-	12,044	62	-	-
95	19	29	81	429	219	-	-	-	188	5	14	22	-	-	15,621	116	-	-
105	21	31	80	427	256	-	-	1	217	6	10	19	-	-	17,785	174	-	-
115	22	32	80	424	290	-	-	2	250	7	6	18	-	-	20,261	224	2	-
125	23	33	80	422	322	-	-	5	284	8	7	20	-	-	23,277	263	13	-
135	24	34	79	420	353	-	-	15	297	7	6	22	-	-	25,128	309	27	-
145	24	35	79	418	382	-	-	27	323	5	7	23	-	-	28,274	342	43	-
155	25	36	78	415	410	-	-	29	334	5	9	22	-	-	29,379	374	62	-
165	26	37	78	413	434	-	-	45	345	4	9	22	-	-	31,630	402	87	-
175	26	38	78	411	457	-	-	49	355	4	8	23	-	-	32,778	428	116	-
185	27	38	77	409	479	-	-	75	375	3	8	23	-	-	36,709	452	134	-
195	27	39	77	406	499	-	-	80	373	4	7	21	-	-	36,933	473	159	-
205	28	39	76	404	518	-	-	92	387	4	8	23	-	-	39,246	493	186	-
215	28	40	76	402	537	-	-	111	406	4	9	23	-	-	42,469	514	213	-
225	29	41	75	400	557	-	-	123	412	3	9	22	-	-	43,988	535	237	3
235	29	41	75	397	577	-	-	146	399	3	8	22	-	-	45,147	556	273	7
245	30	42	75	395	597	-	-	172	394	4	7	21	-	-	47,143	576	308	7

Table 1069 SAU08 Poor sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	2	1	6	976	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	5	6	36	934	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	8	11	71	905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	15	81	887	15	-	-	-	-	15	-	-	-	-	640	-	-	-
55	13	18	82	875	74	-	-	-	8	60	0	2	-	-	3,199	-	-	-
65	15	20	82	867	128	-	-	-	51	59	8	5	-	-	6,657	-	-	-
75	17	21	82	863	175	-	-	-	101	46	20	6	-	-	10,339	4	-	-
85	18	22	81	858	219	-	-	-	144	48	25	5	-	-	13,894	14	-	-
95	19	23	81	854	261	-	-	-	184	49	20	6	-	-	16,748	40	-	-
105	21	24	81	849	300	-	-	-	217	50	18	6	-	-	19,181	74	-	-
115	22	25	80	845	335	-	-	-	257	48	16	10	-	-	22,164	116	-	-
125	23	26	80	840	368	-	-	2	286	46	15	14	-	-	24,484	157	4	-
135	24	27	79	834	399	-	-	4	316	41	15	19	-	-	26,826	207	8	-
145	24	27	79	829	426	-	1	4	333	41	16	20	-	-	28,302	246	11	-
155	25	28	78	823	452	-	-	6	376	39	18	22	-	-	31,635	282	17	-
165	26	28	78	819	476	-	-	12	386	35	19	22	-	-	32,815	313	24	-
175	26	29	78	813	498	-	-	13	400	35	18	20	-	-	33,949	340	32	-
185	27	29	77	808	519	-	1	17	434	37	18	20	-	-	36,946	368	41	-
195	27	30	77	803	538	-	6	18	447	35	17	20	-	-	38,620	392	52	-
205	28	30	76	798	557	-	8	25	446	36	15	19	-	-	39,395	413	68	-
215	28	30	76	790	575	-	8	29	432	35	15	18	-	-	38,572	434	97	-
225	29	31	75	785	594	-	15	37	483	35	15	20	-	-	43,950	456	126	-
235	29	31	75	779	613	-	14	33	464	35	14	19	-	-	41,995	479	154	-
245	30	31	75	773	632	-	22	48	485	36	14	20	-	-	46,066	500	175	3

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1070 SAU08 Poor sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,884	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	1	21	4,896	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	5	74	4,685	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	8	7	83	4,541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	9	83	4,427	1	-	-	-	-	1	-	-	-	-	27	-	-	-
55	13	10	83	4,292	15	-	-	-	1	13	0	-	-	-	632	-	-	-
65	15	11	82	4,103	49	-	-	-	16	23	7	2	-	-	2,487	-	-	-
75	17	12	82	3,897	103	-	-	-	44	41	12	1	-	-	5,515	-	-	-
85	19	13	81	3,638	163	-	-	-	84	61	12	1	-	-	9,341	-	-	-
95	20	14	81	3,324	217	-	-	-	133	67	15	1	-	-	13,343	7	-	-
105	22	15	81	3,019	260	-	-	-	182	58	18	3	-	-	16,840	21	-	-
115	23	15	80	2,742	299	-	-	-	218	49	21	8	-	-	19,346	49	-	-
125	24	16	80	2,521	335	-	-	-	244	43	21	11	-	-	21,125	82	-	-
135	25	17	79	2,381	368	-	-	-	282	47	20	13	-	-	24,224	125	-	-
145	25	18	79	2,264	397	-	-	-	314	46	19	12	-	-	26,476	166	-	-
155	26	18	78	2,141	425	-	-	-	351	47	15	13	-	-	29,254	205	1	-
165	27	19	78	2,041	452	-	2	-	361	49	13	12	-	-	30,180	252	7	-
175	27	19	78	1,955	476	-	2	1	399	50	12	14	-	-	33,127	292	14	-
185	28	20	77	1,864	498	-	5	3	415	46	10	16	-	-	34,794	324	25	-
195	29	21	77	1,771	519	-	5	3	437	46	9	17	-	-	36,423	354	29	-
205	29	21	76	1,706	539	-	12	5	457	45	11	19	-	-	38,970	379	43	-
215	29	22	76	1,636	559	-	12	7	466	44	10	19	-	-	39,824	405	55	-
225	30	22	75	1,558	580	-	16	10	484	43	11	21	-	-	41,902	431	73	-
235	31	23	75	1,488	602	-	21	14	476	41	11	20	-	-	42,100	456	101	-
245	31	23	75	1,429	623	-	31	23	467	38	12	19	-	-	43,401	479	130	-

Table 1071 SAU08 Poor sites, Cw leading, west side, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	2	4,884	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3	1	21	4,896	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	6	5	74	4,685	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	8	11	74	1,171	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	11	14	83	1,147	11	-	-	-	-	11	-	-	-	-	447	-	-	-
55	13	17	83	1,131	71	-	-	-	11	52	2	1	-	-	3,116	-	-	-
65	15	18	82	1,120	132	-	-	-	57	49	16	1	-	-	6,964	-	-	-
75	17	19	82	1,114	192	-	-	-	112	49	28	3	-	-	11,495	-	-	-
85	19	21	81	1,106	245	-	-	-	159	61	24	3	-	-	15,411	9	-	-
95	20	22	81	1,097	290	-	-	-	195	67	18	3	-	-	18,166	27	-	-
105	21	22	81	1,085	330	-	-	-	236	60	17	6	-	-	21,006	54	-	-
115	23	23	80	1,072	366	-	-	-	275	53	19	11	-	-	23,837	94	-	-
125	24	24	80	1,058	401	-	-	-	303	47	19	15	-	-	25,841	143	-	-
135	25	25	79	1,046	433	-	-	-	340	45	19	19	-	-	28,587	196	-	-
145	25	25	79	1,033	462	-	-	-	380	45	21	20	-	-	31,640	240	1	-
155	26	26	78	1,022	489	-	1	1	425	44	19	20	-	-	35,106	282	7	-
165	27	26	78	1,010	515	-	2	2	428	46	17	18	-	-	35,528	322	11	-
175	27	27	78	997	538	-	5	3	463	48	16	18	-	-	38,803	356	23	-
185	28	27	77	984	560	-	5	4	467	46	15	19	-	-	39,001	387	33	-
195	28	28	77	971	580	-	10	8	490	46	14	20	-	-	41,579	413	40	-
205	29	28	76	960	600	-	10	8	470	44	12	19	-	-	40,040	435	64	-
215	29	28	76	948	619	-	15	13	512	44	13	21	-	-	44,288	461	87	-
225	30	29	75	934	640	-	22	16	521	42	13	22	-	-	46,135	487	108	-
235	30	29	75	919	661	-	32	22	535	42	12	24	-	-	48,830	510	132	-
245	31	30	75	903	681	-	43	23	548	40	13	23	-	-	51,119	534	161	-

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1072 SAU09 other sites, other species, Plant to 600 sph, ingrowth to 600 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	6	14	497	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	13	49	488	2	-	-	-	-	2	-	-	-	-	87	-	-	-
35	14	20	76	483	69	-	-	-	4	58	0	5	-	-	3,687	-	-	-
45	19	25	82	481	158	-	-	-	15	106	7	24	-	-	8,446	30	-	-
55	22	28	82	478	252	-	-	1	58	144	19	24	-	-	14,166	121	-	-
65	26	31	82	476	349	-	-	16	125	167	14	24	-	-	21,040	253	12	-
75	28	33	82	473	444	-	-	45	195	176	13	28	-	-	28,903	371	43	-
85	31	35	81	470	534	-	-	94	228	169	11	29	-	-	35,229	478	103	-
95	33	37	81	466	622	-	-	143	258	166	13	31	-	-	41,706	576	165	-
105	35	39	81	463	706	-	-	216	285	170	14	33	-	-	50,669	666	257	4
115	37	40	80	457	788	-	-	278	281	161	16	32	-	-	55,591	750	356	35
125	38	41	80	451	867	-	-	372	289	182	16	35	-	-	66,103	831	462	43
135	40	43	79	443	943	-	-	418	272	175	17	35	-	-	68,937	910	570	72
145	41	44	79	437	1,015	-	-	479	279	177	17	36	-	-	75,093	983	657	97
155	42	45	78	430	1,083	-	-	547	262	169	18	40	-	-	80,014	1,054	749	154
165	44	46	78	421	1,145	-	-	630	259	174	19	41	-	-	87,791	1,118	823	208
175	45	47	78	412	1,204	-	-	717	248	175	19	42	-	-	95,169	1,181	897	245
185	46	48	77	400	1,257	-	1	781	243	180	17	45	-	-	101,082	1,239	961	291
195	46	49	77	392	1,308	-	2	846	254	180	17	43	-	-	107,809	1,291	1,040	316
205	47	50	76	386	1,357	-	2	929	237	180	20	46	-	-	114,597	1,341	1,110	367
215	48	51	76	382	1,403	-	1	894	231	173	19	45	-	-	110,385	1,387	1,159	412
225	49	52	75	376	1,443	-	2	987	221	173	20	45	-	-	118,474	1,429	1,213	472
235	49	52	75	366	1,479	-	2	1,002	214	163	21	42	-	-	118,656	1,466	1,260	546
245	50	53	75	357	1,512	-	2	1,067	221	169	21	44	-	-	125,603	1,502	1,303	587

Table 1073 SAU09 other sites, other species, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	6	28	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	76	963	1	-	-	-	-	1	-	-	-	-	62	-	-	-
35	15	18	83	953	77	-	-	-	9	60	2	4	-	-	4,084	-	-	-
45	19	21	83	948	192	-	-	-	74	79	20	11	-	-	10,779	11	-	-
55	23	23	83	941	303	-	-	-	157	112	20	13	-	-	18,047	64	-	-
65	26	25	82	928	409	-	-	5	229	138	19	21	-	-	25,010	158	-	-
75	29	27	82	892	507	-	-	17	286	149	20	22	-	-	30,509	282	16	-
85	31	28	81	849	598	-	1	38	327	162	15	23	-	-	35,715	396	41	-
95	33	30	81	803	685	-	6	78	371	188	13	28	-	-	44,358	502	73	-
105	35	31	81	771	769	-	17	110	408	190	13	32	-	-	51,202	595	162	-
115	37	33	80	727	847	-	30	168	409	190	15	35	-	-	58,260	688	248	-
125	39	35	80	686	923	-	45	233	413	184	15	36	-	-	65,762	776	351	31
135	40	36	79	647	993	-	66	265	426	192	15	38	-	-	72,413	863	456	44
145	41	38	79	601	1,058	-	88	337	408	189	16	38	-	-	80,145	945	544	75
155	43	39	78	564	1,116	-	90	384	384	182	17	40	-	-	82,752	1,022	658	91
165	44	41	78	532	1,173	-	96	460	373	179	16	39	-	-	89,307	1,089	747	118
175	45	42	78	503	1,225	-	123	550	353	180	21	45	-	-	99,741	1,150	821	146
185	46	43	77	486	1,278	-	126	534	337	176	15	39	-	-	96,792	1,211	896	164
195	47	45	77	466	1,326	-	139	657	319	189	17	47	-	-	109,358	1,267	972	182
205	47	46	76	447	1,370	-	149	694	300	178	19	48	-	-	112,168	1,316	1,034	238
215	48	47	76	426	1,407	-	152	721	284	163	19	44	-	-	112,853	1,362	1,100	285
225	49	48	75	413	1,444	-	148	736	262	156	20	43	-	-	111,874	1,403	1,166	317
235	50	49	75	397	1,476	-	160	843	250	161	20	44	-	-	122,441	1,442	1,209	408
245	50	50	75	383	1,508	-	182	893	237	161	17	46	-	-	128,583	1,478	1,258	467

Arrowsmith TSA Silviculture Strategy
Appendix F - Yield Tables

Table 1075 SAU09 other sites, other species, Plant to 1200 sph, ingrowth to 4800 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	50	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	19	83	569	88	-	-	-	30	42	11	3	-	40	5,700	-	-	-
35	24	27	83	566	143	-	-	-	179	52	13	7	-	96	19,544	82	-	-
45	30	35	71	299	267	-	-	5	188	76	5	12	-	97	22,021	271	25	-
55	34	41	80	296	409	-	-	53	279	103	9	17	-	141	37,366	436	214	-
65	39	46	82	293	613	-	27	168	298	111	8	21	-	179	56,975	598	467	28
75	42	50	82	287	761	-	119	227	249	113	9	26	-	199	73,650	749	657	105
85	45	53	81	283	893	-	203	325	216	114	12	33	-	232	95,285	880	804	241
95	48	57	81	269	1,002	-	255	367	189	111	11	39	-	239	105,595	992	927	441
105	50	60	81	257	1,095	-	292	469	194	117	12	43	-	270	123,845	1,090	1,031	598
115	52	63	80	239	1,168	-	304	518	147	110	10	46	-	265	126,707	1,166	1,119	735
125	53	65	80	229	1,235	-	303	613	131	111	11	47	-	279	136,421	1,234	1,198	863
135	55	67	79	220	1,294	-	320	627	123	107	9	49	-	279	139,607	1,294	1,269	973
145	56	69	79	215	1,348	-	357	727	116	112	9	56	-	305	156,538	1,348	1,328	1,042
155	58	71	78	206	1,390	-	351	745	101	109	8	55	-	301	156,245	1,390	1,385	1,105
165	59	73	78	197	1,420	-	379	858	87	110	8	59	-	325	172,431	1,420	1,418	1,173
175	60	74	78	192	1,453	-	339	806	83	97	7	54	-	297	158,935	1,453	1,453	1,235
185	61	75	77	186	1,479	-	380	804	82	102	9	58	-	304	165,309	1,479	1,479	1,284
195	62	76	77	184	1,509	-	375	852	68	100	11	60	-	308	169,031	1,509	1,509	1,325
205	62	77	76	180	1,530	-	365	938	56	98	12	62	-	319	176,378	1,530	1,530	1,364
215	63	78	76	177	1,552	-	368	943	60	102	10	62	-	320	177,884	1,552	1,552	1,403
225	64	79	75	173	1,565	-	366	939	53	99	11	66	-	316	177,323	1,565	1,565	1,433
235	65	80	75	169	1,579	-	346	992	48	99	11	67	-	321	180,844	1,579	1,579	1,458
245	65	80	75	168	1,597	-	370	1,059	47	103	11	76	-	339	191,857	1,597	1,597	1,479

Table 1076 SAU09 other sites, other species, Plant to 1200 sph, ingrowth to 4800 sph, PCT to 1000 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	9	50	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	19	83	569	88	-	-	-	30	42	11	3	-	40	5,700	-	-	-
35	24	27	83	566	262	-	-	-	179	52	13	7	-	96	19,544	82	-	-
45	29	32	83	562	436	-	-	4	301	106	8	16	-	145	33,834	342	25	-
55	34	40	75	299	438	-	-	46	290	104	9	16	-	143	37,615	419	177	-
65	39	45	80	297	589	-	26	130	295	103	6	18	-	165	51,497	570	416	23
75	42	49	81	293	733	-	141	175	273	107	10	26	-	196	72,787	717	608	76
85	45	52	81	290	862	-	208	232	231	104	11	29	-	209	85,917	847	762	184
95	47	55	81	278	971	-	269	322	232	116	11	38	-	244	106,512	959	885	373
105	50	58	81	263	1,063	-	304	375	197	114	12	39	-	250	114,788	1,056	992	542
115	52	62	80	240	1,133	-	320	465	154	111	11	46	-	259	123,832	1,131	1,080	671
125	53	65	80	225	1,192	-	335	504	138	111	9	46	-	263	129,101	1,191	1,159	796
135	55	67	79	218	1,254	-	363	615	126	118	8	54	-	291	145,852	1,253	1,226	891
145	56	68	79	210	1,304	-	402	623	120	114	10	54	-	293	151,758	1,304	1,284	976
155	57	70	78	205	1,348	-	401	670	111	113	7	56	-	298	156,276	1,347	1,335	1,044
165	59	72	78	197	1,383	-	400	695	94	105	9	55	-	296	157,045	1,383	1,377	1,111
175	60	73	78	192	1,415	-	409	749	89	108	10	58	-	307	166,874	1,415	1,412	1,174
185	61	74	77	185	1,437	-	407	750	75	96	7	58	-	297	164,666	1,437	1,435	1,219
195	62	75	77	183	1,470	-	404	763	67	101	8	63	-	296	167,027	1,470	1,470	1,259
205	63	76	76	180	1,495	-	400	741	72	96	10	59	-	292	167,544	1,495	1,495	1,302
215	63	77	76	177	1,516	-	393	809	57	100	10	61	-	302	177,328	1,516	1,516	1,349
225	64	78	75	174	1,534	-	417	912	62	103	9	68	-	330	195,227	1,534	1,534	1,374
235	65	79	75	171	1,548	-	392	816	57	93	11	67	-	302	177,374	1,548	1,548	1,404
245	65	79	75	170	1,569	-	379	872	59	101	10	68	-	310	184,093	1,569	1,569	1,428

Arrowsmith TSA Silviculture Strategy

Appendix F - Yield Tables

Table 1117 SAU09 other sites, other species, Plant to 1200 sph, ingrowth to 1200 sph, commercially thinned

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	5	6	28	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	10	12	76	963	1	-	-	-	-	1	-	-	-	-	62	-	-	-
35	15	18	83	953	77	-	-	-	9	60	2	4	-	-	4,084	-	-	-
45	19	21	83	948	192	-	-	-	74	79	20	11	-	-	10,779	11	-	-
55	23	23	83	941	303	-	-	-	157	112	20	13	-	-	18,047	64	-	-
65	24	24	82	935	357	-	-	2	117	81	9	13	-	-	13,474	111	-	-
75	24	24	82	535	131	-	-	-	84	41	9	4	-	-	8,374	6	-	-
85	26	29	68	399	265	-	-	5	134	88	9	16	-	-	15,336	150	2	-
95	29	31	76	396	349	-	1	20	193	110	14	19	-	-	22,204	266	25	-
105	31	34	79	393	437	-	5	45	218	122	11	20	-	-	27,161	376	54	-
115	33	36	80	389	524	-	10	91	238	128	11	24	-	-	33,669	471	119	-
125	35	38	80	384	611	-	24	139	258	139	11	29	-	-	41,696	567	221	4
135	37	40	80	377	696	-	42	198	254	146	11	32	-	-	49,400	658	323	11
145	39	41	80	371	777	-	64	246	247	145	13	32	-	-	55,668	746	427	47
155	40	43	79	365	858	-	90	312	246	147	12	31	-	-	64,560	826	543	67
165	41	44	79	361	933	-	105	341	231	142	12	32	-	-	67,617	904	645	98
175	43	46	78	351	1,004	-	121	453	222	146	14	35	-	-	79,409	979	748	122
185	44	47	78	343	1,070	-	129	502	211	146	15	36	-	-	84,130	1,047	837	160
195	45	49	78	337	1,132	-	140	572	194	145	15	38	-	-	90,658	1,111	908	212
205	46	50	77	330	1,190	-	161	692	204	159	17	40	-	-	105,345	1,172	982	238
215	46	51	77	325	1,245	-	161	712	194	146	18	41	-	-	105,898	1,229	1,047	280
225	47	52	76	318	1,296	-	168	725	182	145	17	39	-	-	107,056	1,282	1,105	349
235	48	53	76	311	1,344	-	184	777	165	136	20	40	-	-	112,040	1,331	1,165	405
245	49	54	75	305	1,386	-	202	828	168	146	18	42	-	-	119,347	1,376	1,223	455

Table 1130 SAU10 unconventional, other species, Plant to 1200 sph, ingrowth to 1200 sph

Age yrs	Top ht m	Q-mean DBH cm	Mean CC %	SPH 0.0 + num	TSR2 Util m3	C m3	H m3	I m3	J m3	U m3	X m3	Y m3	Z m3	Solid Clear m3	Rev \$/ha	35+ m3	Volume 45+ m3	65+ m3
5	-	-	-	1,011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	4	4	16	991	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	7	9	49	971	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	10	14	77	957	5	-	-	-	-	5	0	-	-	-	263	-	-	-
45	14	17	82	948	59	-	-	-	3	51	0	3	-	-	3,103	-	-	-
55	16	19	82	942	128	-	-	-	22	81	6	12	-	-	6,739	-	-	-
65	19	21	82	937	193	-	-	-	56	98	20	17	-	-	10,833	11	-	-
75	21	22	82	932	256	-	-	-	101	122	23	16	-	-	15,255	38	-	-
85	23	24	81	923	317	-	-	-	140	138	17	17	-	-	18,381	83	-	-
95	25	25	81	916	373	-	-	4	175	151	14	21	-	-	21,851	130	-	-
105	27	26	81	895	425	-	-	6	212	163	14	26	-	-	25,302	198	5	-
115	28	27	80	875	474	-	-	13	235	168	16	26	-	-	27,844	256	13	-
125	29	27	80	855	521	-	-	18	273	171	18	27	-	-	31,134	310	28	-
135	31	28	79	827	564	-	-	28	294	175	16	30	-	-	33,661	370	37	-
145	32	29	79	808	606	-	-	44	322	192	16	33	-	-	38,077	424	51	-
155	33	30	78	787	647	-	1	74	340	195	17	35	-	-	42,327	477	66	-
165	34	31	78	760	685	-	1	104	334	199	18	35	-	-	44,901	519	102	-
175	35	31	78	743	723	-	6	122	357	198	16	37	-	-	48,606	564	152	-
185	35	32	77	725	759	-	8	137	360	197	16	36	-	-	50,149	607	199	-
195	36	33	77	702	793	-	9	168	367	199	18	39	-	-	53,902	649	229	-
205	37	34	76	681	826	-	6	187	346	188	17	40	-	-	53,384	688	275	14
215	38	34	76	661	859	-	15	221	373	201	15	41	-	-	59,969	726	318	29
225	38	35	75	641	889	-	15	236	369	199	17	42	-	-	61,017	765	356	30
235	39	36	75	625	918	-	19	282	349	200	16	42	-	-	64,308	801	405	36
245	39	36	75	609	947	-	28	317	347	200	18	44	-	-	68,574	833	442	61