

APPENDIX 3 -- FOREST LAND PRODUCTIVITY GUIDE

The table below may be used by field crews to assist in the determination of unproductive forest land; that is, land on which the potential productivity is less than 20 cubic feet of industrial wood per acre, per year.

From an increment boring, determine the age class of a tree that is located on the site in question. For example, a 27 year old black spruce in the 20 year age class must be at least 8 feet tall if the site is to be considered as being productive. **Sample trees must be representative of the site.** The factors of drainage, soils, elevation, and exposure must also be considered.

Total height in feet at upper limit of the unproductive site class

AGE CLASS	BLACK SPRUCE HEIGHT	BLACK ASH HEIGHT	RED MAPLE HEIGHT	CHESTNUT OAK HEIGHT
20	8	12	10	12
30	13	21	17	21
40	19	29	24	29
50	25	34	32	34
60	30	39	37	39
70	33	45	43	45
80	39	50	49	50
90	41	53	53	52
100	43	57	57	56
110	47	60	60	57
120	50	60	61	58
130	51	61	61	59
140	52	62	62	60
150	53	63	62	--
160	--	64	63	--
170	--	65	63	--
180	--	65	63	--

