

DIAMETER OF TREE (INCHES)		6	8	10	
TREE SCALE STICK INTERNATIONAL RULE FC 79 HOLD STICK LEVEL AGAINST TREE 25 INCHES FROM EYE AND 4 1/2 FEET ABOVE GROUND ON UPHILL SIDE OF TREE.	1	16-FOOT LOG		38	48
	2	16-FOOT LOGS		61	79
	3	16-FOOT LOGS		77	101
	4	16-FOOT LOGS			
	5	16-FOOT LOGS			
<small>STAND 66 FEET FROM TREE, HOLD STICK STRAIGHT UP AND DOWN 25 INCHES FROM EYE. SIGHT THIS END AT STUMP HEIGHT.</small>		NUMBER OF 16 FOOT LOGS			

A

	12	14	16	18	20	22	24							
B	58	70	82	95	108	124	140	158	176	196	216	238	260	283
	96	117	138	161	183	212	240	273	305	342	378	418	458	499
	124	153	182	214	246	286	325	370	414	464	514	571	628	685
	141	176	211	252	292	340	388	442	496	559	621	687	753	826
								561	636	710	793	875	961	

C

	26	28	30	32	34	36	38	40							
D	305	331	357	385	413	444	474	506	538	570	602	638	674	712	750
	540	588	635	686	737	793	848	907	966	1027	1087	1154	1220	1293	1365
	742	810	877	949	1020	1101	1181	1265	1349	1435	1521	1621	1720	1822	1923
	899	980	1061	1148	1235	1338	1440	1544	1647	1754	1860	1981	2101	2232	2362
	1046	1144	1242	1350	1458	1572	1685	1809	1932	2061	2189	2339	2488	2632	2775

E

F	NATIONAL 4-H FORESTRY INVITATIONAL			25

Cut out each section of the tree scale stick on the outside edge of the black line. The scale stick is designed to fit on a yardstick. Apply rubber cement to the back of each section of the scale stick and stick it on the yardstick. Align the zero end of the scale stick flush with the zero end of the yardstick. Butt ends A & B of the scale stick together. Butt ends C & D and E & F together. When the scale stick is mounted on the yardstick, cover the scale stick and yardstick with clear contact paper. This will protect the scale stick against moisture and wear. Clear contact paper is available from K-Mart, WalMart, Target, etc.

The numbers (6 through 40) at the top edge of the stick represent even diameters. The line between each number represents the odd diameters (17, 19, 21, etc.) The numbers (1 through 5) on the bottom side of the stick represent 16-foot logs that can be cut from the tree. The line between each of these numbers represents a half-log.

The black numbers below each diameter measurement are the number of board-feet that can be cut from a tree with that specific diameter and number of 16-foot logs.