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TECHNICAL NOTES

LAKE STATES FOREST EXPERIMENT STATION
UNIVERSITY FARM ST. PAUL I, MINNESOTA

No. 308

Proportion of Various Rough Products in Second-Growth Stands

For good stumpage appraisal, one should know how the various sizes of bolts or cut products are distributed in the standing timber. The table below gives a rough guide for most pulpwood stands (softwoods and aspen) in the Lake States, if reasonably well stocked and even aged. It assumes complete utilization to a 4-inch top (inside bark) with no allowance for defect.

Proportion of Total Gross Merchantable Volume of Different Products in 100-inch Bolts

Size class of stand	Average stand diameter at breast height	Percent total cordwood volume, by products			
		Pulpwood	Small : box bolts	Large : box bolts	Sawlogs
	Inches	Percent	Percent	Percent	Percent
Small pole	5	75	20	5	..
	6	59	31	9	1
Large pole	7	40	41	15	4
	8	27	43	22	8
Small saw timber	9	18	38	30	14
	10	11	29	38	22
	11	7	21	40	32
	12	5	16	36	43

MR January 1949

S. R. Gevorkiantz, Silviculturist

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