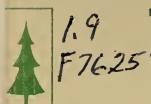
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## 1.9 TECHNICAL NOTEC

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 Froducts in 100-inch Bolts

Size class of stand	<ul><li>Average</li><li>stand</li><li>diameter</li><li>at breast</li></ul>	Percent total cordwood volume, by products			
		Pulpwood	Small :	Large : box bolts :	Sawlogs
		inch top	6- to 8- inch top d.i.b.		10 inches and larger
	Inches	Fercent	Percent	Fercent	Percent
Small	5	75	20	5	• •
pole	6	59	31	9	1
Large	7	40	41	15	4
pole	8	27	43	22	8
Springersung designation mentions are engineering to the springers	9	18	38	30	14
Small Small	10	11	29	38	22
saw timber	11	7	21	40	32
	12	5	16	36	43



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