

MEASUREMENT OF LAND

Sixteen and one-half feet, one rod; 3 rods, one mile; 66 feet, one chain; 80 chains, one mile; 5,280 feet, one mile; 43,560 square feet, one acre; one mile square, 640 acres; 660 feet square, 10 acres; 208 feet $8\frac{1}{2}$ inches square, one acre; 933 feet $4\frac{1}{2}$ inches square, 25 acres; 260 fence rails, $16\frac{1}{2}$ feet long, five rails high, will enclose an acre field.

Contents of Fields and Lots

The following tables will assist in making an accurate estimate of the amount of land in different fields:

One Acre

10 rods x 16 rods	120 feet x 163 feet
8 rods x 20 rods	240 feet x 181½ feet
5 rods x 32 rods	20 yards x 242 yards
4 rods x 40 rods	40 yards x 121 yards
5 yards x 968 yards	80 yards x 60½ yards
10 yards x 484 yards	70 yards x 69½ yards
110 feet x 369 feet	220 feet x 198 feet
60 feet x 726 feet	440 feet x 99 feet
200 x 108 9-10 feet make.....	$\frac{1}{2}$ an acre.
100 x 45 1-5 feet make.....	$\frac{1}{3}$ an acre.
100 x 108 9-10 feet make.....	$\frac{1}{4}$ an acre.

Number of Trees on an Acre

4 feet apart....	2,720	15 feet apart....	200
5 feet apart....	1,749	18 feet apart....	135
6 feet apart....	1,200	20 feet apart....	110
8 feet apart....	689	22 feet apart....	70
10 feet apart....	430	30 feet apart....	50
12 feet apart....	325		

Washes

For Outside Woodwork.—In a tight bushel, slack half a bushel of fresh lime by pouring over it boiling water sufficient to cover it four or five inches deep; stir until slack; add two pounds of sulphate of zinc dissolved in water; add water enough to bring all to the consistency of thick whitewash.

For Brick or Stone Work.—Slack one-half bushel of lime, as before, in a barrel; then fill the barrel two-thirds full of water and add a bushel of hydraulic cement; add three pounds sulphate of zinc dissolved in water. These washes may be colored by adding powdered ochre, umber, etc.

For Inside Work.—Add two quarts of thin size to a pailful of wash just before use. The common practice of mixing salt with whitewash should not be permitted.