

Wheatfield

Woods & Pasture



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Two Track Drive

Road

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WTC

22 Highway - # 63

Slough.

Service Drive



Apple's Makeup Analyzed

Many factors affect fruit quality. As a background toward understanding them, let's look at the makeup of a mature apple at harvest time. It is made up of 80 to 85 per cent water, 10 to 15 per cent sugars, $\frac{1}{4}$ to 1 per cent acid, $\frac{1}{10}$ to $\frac{1}{2}$ per cent starch, 2 to 3 per cent cell wall and similar materials, a very small but important amount of aromatic compounds, some enzymes, and a definite texture.

The mature fruits of each apple variety have a combination of these things which differs in one or more ways from the combination in fruits of all other varieties. For example, the mature fruits of Jonathan apples contain 0.60 to 0.75 per cent acid and 12 to 15 per cent sugar. The Delicious variety has about the same sugar content as Jonathan, but only 0.20 to 0.25 per cent acid.

"40 mature apple trees have about 100,000 leaves each."

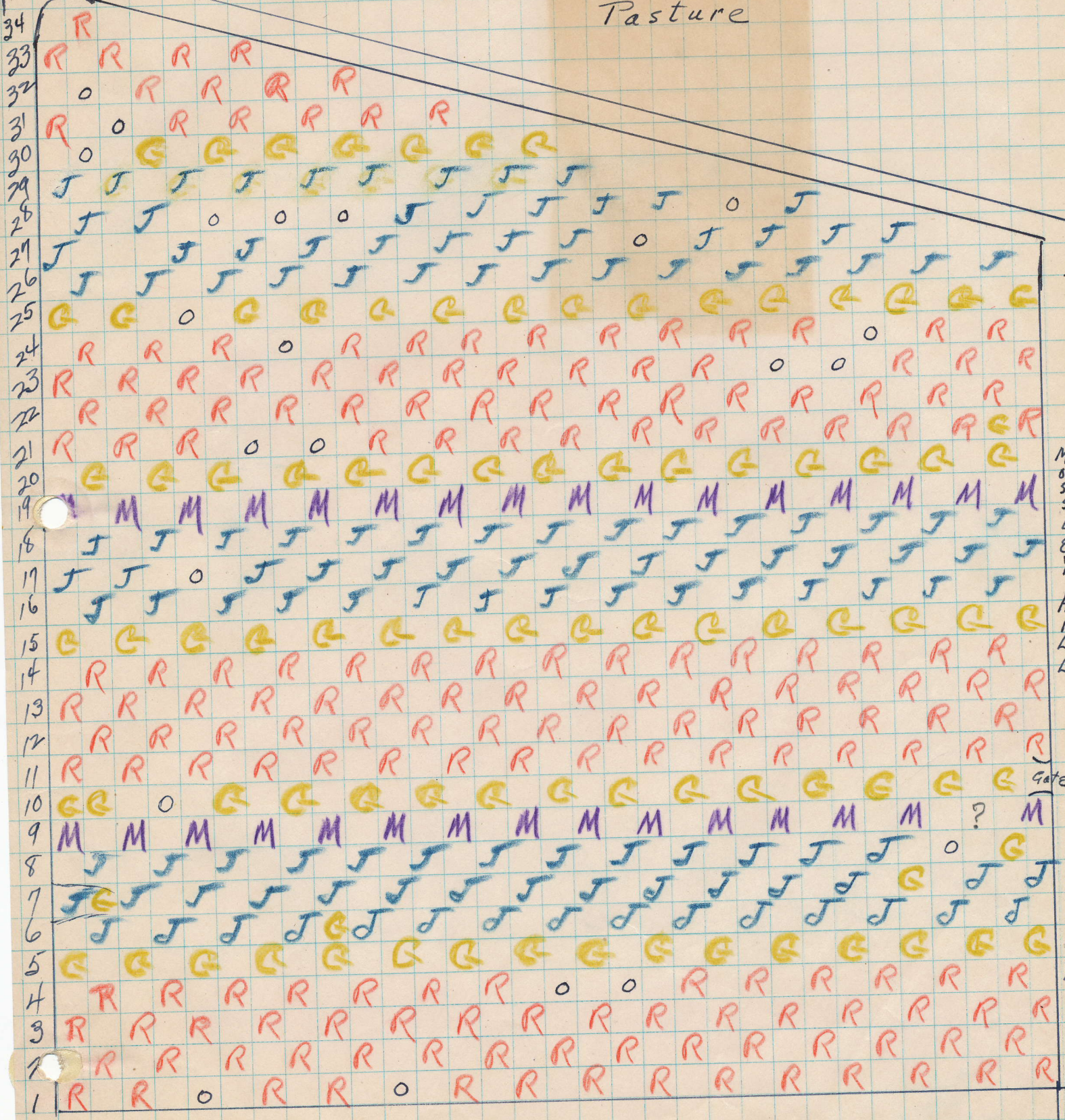
40 trees lift 16 tons of water a day or 4 gal. per tree per hr

4500 trees lift 1800 tons of water daily."

These 2286 trees lift or pump 219456 Gal. water per day.

Wood

Pasture



2286 trees
219 456 gal.