Some of our longest-running tests involve farm-style round fence posts made from forest thinnings. This method can also be used to predict the service life of treated utility poles. In this test, CCA-treated posts have lasted 10 times longer than their untreated counterparts.

**Commodity:** Round Fence Posts  
**Test method:** Ground contact  
**Test Site:** Petawawa, Ontario  
**Date of installation:** 1951  
**Preservative:** CCA, type A*  
**Treatment:** Pressure treatment to CSA O80.5  
**Wood Species:** Jack pine, White spruce

**Condition of Untreated Samples:**  
- Jack pine: Average life 5.5 yrs  
- White spruce: Average life 3.5 yrs

**Condition of Treated samples:**  
- Jack pine: 20/20 posts in service after 47 yrs  
- White spruce: 11/15 posts in service after 47 yrs

**Projected average service life of properly treated product in a similar climate:**  
- Jack pine: Over 50 years  
- White spruce: Over 40 years

* An older formulation of CCA, not as effective as modern CCA (type C).