In the fall of 1983, Chico walnut trees up to three years of age were transplanted with a commercial 40" tree transplanter. This transplanting was done to create a hedgerow planting.

Fifteen matched pairs of moved and non-moved trees were compared one and two years after transplanting.

One year after transplanting, the non-moved trees were significantly (1%) faster growing as measured by increased tree diameter than the moved trees.

Two years after transplanting, the difference in the rate of growth was still significantly different (1%). One transplanted tree had died, so only 14 matched pairs were compared. This difference was significant comparing two years growth rate or only the second year growth rate.