## **RootMaker®** Evolution

In his early research projects, Dr. Carl Whitcomb tested numerous container designs. Milk cartons (today "tree bands") only prune roots at the bottom, creating few side branches. Containers with vertical slots still result in circling and excessive water loss. These and other designs were rejected until root-pruning containers evolved to the current line of patented **RootMaker**<sup>®</sup> products.

**RootMakers**<sup>®</sup> create more radial, active root tips than any other container system.

- 1968- Grew trees in bottomless milk cartons.
- 1970- Tested slotted container.
- 1973- Pot-in-pot experiment.
- 1973- Root pruning via copper toxicity.
- 1983- Evaluated porous fabric container above ground.
- 1984- Patented root tip trapping container, no holes.
- 1985- Patented first version of fabric in-ground container.
- 1989- Patented the original **RootMaker<sup>®</sup>** 4-pack.
- 1990- Improved 'tree bag", the Knit Fabric in-ground container with precise openings throughout.
- 1990- Patented RootBuilder<sup>®</sup> expandable container.
- 1996- Patented **RootMaker<sup>®</sup>** II design for 60, 32, and 18 cell trays.
- 1997- Cinder block bags.
- 2003- White, soft-sided, bi-layer **RootTrappers**<sup>®</sup>.
- 2004- Released RootBuilder<sup>®</sup> II design.
- 2009- Awarded patent for RootBuilder<sup>®</sup> II.
- 2010- Awarded patent for **RootTrappers**<sup>®</sup>.
- 2010- Awarded patent for Express propagation container.
- 2011- Awarded patent for **RootTrapper II**<sup>®</sup>.

## **Rooted in science since 1968.**



**RootMaker®** Products Co., LLC P.O. Box 14553 Huntsville, AL 35815-0553 1-800-824-3941 www.rootmaker.com

