

watering with less water

Ken Richardson, the inventor of the ground splitter for trenching, the gas can carrier for watercrafts, and the flexiciser, is also credited as the inventor of the Earthmister.

In 2005, Richardson recognized that millions of gallons of water runoff from sprinkler head irrigation, evaporation, and overwatering wasted our most abundant but also most precious resource at an alarming rate. Thus, he founded Global Eco Soil Solutions, a Southern California company manufactures the Earthmister, a subsurface pressurized irrigation system.

The system is installed 6-8 inches under the surface with a jet spray either laid out horizontally for larger landscapes or vertical for trees. The Earthmister uses its pressurized spray to water the roots directly within a range of 1,000 linear feet without pumps or added devices to maximize water pressure.

After each watering cycle the moisture is retained underground while the surface remains dry. In addition, the innovative technology also aerates the root zone underground promoting a stronger and deeper root mass.

The Earthmister operates as a delivery system for bio-microbes and liquid fertilizer. Richardson claims the gizmo reduces water usage by 80 percentage, there is no water runoff, there is no evaporation. With the Earthmister system, the root zone is aerated and creates a healthier atmosphere for proper and stronger root growth, and the dry surface impedes weeds from germinating.

