

WEEDS TREES & TURF®

May 1975, Vol. 14, No. 5

10 RAILROAD WEEDS: One Headache You Can Do Without — Ask Alexander Hamilton McAfee, president and general manager of Stone Mountain Scenic Railroad, about his weed control program and he whips out a big smile. He's got every right to smile, because McAfee maintains a weed-free trackside with an effective herbicide program.

16 The Great Mower Debate — Newly proposed power equipment standards may require a computer programmer to operate future mowers if these standards are accepted. James Walker brings us up to date on the Federal Consumer Products Safety Commission proposals.

22 Turf Subirrigation — Technique of Tomorrow? — Subirrigation, a method used mostly in agricultural crops, is being explored for turf irrigation. Jeffrey Krans reports on a recent field study of subirrigation on high maintenance bentgrass turf during prolonged heat stress.

24 Corrosion on a PVC Irrigation System — A situation occurred a few years ago where the copper fittings on a plastic piping system corroded and resulted in severe leakage. Dr. L. W. Gleekman conducted a thorough investigation of the system, soil conditions and installation. He reports here on his findings.

38 Protecting Your Investment in an Irrigation Installation — Contracting an irrigation installation job is tricky business. To protect the sizeable investment involved, author Bob Cloud lists the step-by-step procedures to insure success.

56 A Boost for Water Quality — Inventor Robert Eron is concerned about water quality. This concern led him to the development of the Eronator, an aerator and water treatment device, which is said to improve water quality in a multitude of applications — sewage disposal plants, lagoons, city water supplies.

60 Big Canyon, An Engineering Marvel — A semi-arid area is converted to a lush 6,800 yard golf course. The turfgrass varieties had to be carefully selected to withstand year around play and high daily temperatures.

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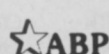
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THE COVER — A Hi-Rail truck moves along about 15 miles per hour spraying trackside weeds on Stone Mountain's Scenic Railroad. Background displays the "1880 motif" seen along the track.