

HILL'S IRRIGATION

New Distributor for Buckner Sprinkler Equipment
and John-Mansville Irrigation Pipe Fittings
For Design, Modification or Specialty Assistance

Contact

Richard C. Hill, Sr.
Hill's Irrigation
P.O. Box 191, Front Royal, Va. 22630
703-635-3630



Call Campbell for
Quality with Thrift!

Graded Stone & Sand Aggregates

Dolomitic Agricultural
Limestone

Manufactured Stone Sand

CAMPBELL



Division of THE FERTILITE COMPANY

HARRY T. CAMPBELL SONS COMPANY
CAMPBELL BUILDING, TOWSON, BALTIMORE, MD 21204

Call Carroll Davis
at (301) 823-7000

SEEDS

GOLF COURSE SUPPLIES

DOUGLAS TOOLS

BEAUTY BLANKET ROOT MULCH

AGRICO FERTILIZERS

DU PONT FUNGICIDES

PHONE (AREA CODE 301) - 752-3415

WM. G. SCARLETT & CO.

608-632 PRESIDENT STREET
BALTIMORE, MARYLAND 21202

HENRY J. CARROLL
235-4189

H. R. HERNDON, JR.
338-0483

**HENRY J. CARROLL
TREE SERVICE**

Member of the Maryland Arborist Assn.,
American Society of Consulting Arborists
and the International Shade Tree Conference

3911 YOLANDO ROAD BALTIMORE, MD. 2128

ARIZONA SUBIRRIGATION

Researchers in Arizona recently demonstrated that quality Bermuda-turf could be produced using subirrigation with the water supplied by buried perforated pipe. Subirrigation is now being studied in Arizona as a possible means of alleviating temperature related adversities in Penncross bentgrass by improving the characteristics of the root system. The results of an initial study on subirrigation of bent-grass show that bentgrass turf which was subirrigated with a fluctuating water table was less subject to summer heat stress than surface irrigated turf. A major problem experienced with the subirrigated turf was that of providing an environment conducive to proper nitrogen assimilation and metabolism. This problem seemed to be most severe when irrigation was from a stable water table. Dessication occurred more frequently in the surface irrigated turf than in that which was subirrigated.

Subirrigation appears to have some potential for maintaining bentgrass greens in hot, dry areas — why not also in our Mid-Atlantic humid areas? Send your thoughts on this subject to the Newsletter Mailbag.

OH-OH*EPA AND MOTHER NATURE

We have just recently emerged from a devastating summer growing season. Our season pushed off with constant spring rains and abnormally cold weather. The soil seemed to take forever to warm up enough to see Bermuda growth begin a new year. The summer culminated with a record breaking stretch of no rain, high temperatures, high humidity, and the longest pollution alert yet recorded. While the daily pollution alert is relatively new to us, new high temperatures and humidity records certainly are not ever new, even if this year's records supercede any tabulated since the mid-1950's, for we are indoctrinated to expect the worst weather each summer.

As a transitional geographical area we probably utilize a larger volume and variety of chemicals than any other area in America. We constantly contend with almost every known turf disease, weed, and insect that damages turf.

With the season finally becoming history, we can look back at all our empty chemical containers, boxes and bags, and wonder just where we would be today if turf herbicides, fungicides, and insecticides were not available for our use.

Phone: (717) 427-4256

HUMIX®
Blue Ridge Industries

P.O. Box 128
White Haven, Pa. 18661

**TOP DRESSING
SEED BED MIX
PEAT HUMUS**



*All Mixes Heat Treated, Pasteurized
and Mixed to Specification*