



for PROFESSIONAL TURF MAINTENANCE

- Fumigants
- Insecticides
- Fungicides
- Herbicides
- Plant Foods
- Soil Conditioners
- Soil Structure Builders

Swift Agricultural Chemicals Corp.

1919 Swift Drive
Oak Brook, Ill. Phone 312 - 325-4330

HOW MUCH NITROGEN FOR YOUR COURSE?

Superintendents may sometimes have trouble explaining to new or even relatively experienced green chairmen that it is not how many tons of fertilizer they apply to greens in a year's time, but how many actual pounds of Nitrogen they apply to the greens that count. If superintendents themselves were to depart from the custom of speaking in tons and only refer to pounds of Nitrogen, Phosphorus, potash, etc., perhaps their position would be better clarified in the finds of those club members to whom they have to account.

As superintendents well know, a 20-10-10 fertilizer contains 20 pounds of Nitrogen per 100 pounds and 10 each of P. and K. In a ton this is, of course, 400 pounds of N and 200 each of P and K. An uninitiated green chairman and his committeemen might be under the impression that a ton of fertilizer is a ton of Nitrogen. This is the misconception that needs to be cleared up.

Put on a pound basis, fertilizer needs for a year generally add up to about these totals:

NORTH — 100,000 sq. ft. of bentgrass putting surfaces — 750 lbs. of N requirements for tees are approximately the same maintenance of tees, generally is the same as for greens. Fairway areas that are carefully maintained total about 50 acres at most clubs. An acre of bluegrass, maintained at usual course standards, requires about 175 pounds of actual N in a year where fairways aren't irrigated; 220 lbs. for irrigated turf. This gives a total ranging between 8,750 and 10,250 lbs.

EVERSPRAY CO.

- UNDERGROUND LAWN SPRINKLING SYSTEMS
- IRRIGATION EQUIPMENT
AND SUPPLIES**

GEORGE WELLEK

9250 GOLF ROAD
DES PLAINES, ILLINOIS
296-5555



Paul Voykin presenting twenty-five year G.C.S.A.A. pin to Jo Canale.

FOR SALE

1968 Broyhill 130 gal. PTO sprayer with 15' boom — to be used on scooter — excellent condition.

Toro Bullet Tractor 1951 in running condition.

7 Toro Spartan 6 blade reel mowers — excellent condition.

CALL — Mike Bavier - 312 - 358-7030.

GUILTY UNTIL PROVEN INNOCENT?

(Detroit News)

The man who strives to be absolutely safe in this world ends up finding a bleak and sterile experience. Pardon us, therefore, if we fail to applaud biologist Walter Rosen for a remark that reflects the current stifling mania for detecting potential hazards in all human works.

Rosen of the State University of New York at Buffalo, believes that "things" — distinguished from people — should be regarded as guilty until proven innocent. This principle of guilt, he says, should have been applied to food additives, pesticides, radium, thermal pollution, irrigation systems, supersonic aircraft and high-rise buildings.

Any sensible man approaches any project or invention with a healthy caution and skepticism. But the approach of some scientists and environmentalists has grown to be almost pathological in its degrees of suspicion, apprehension and fear. Had that been the approach of man down through the centuries, man would still be standing at the mouth of his cave debating whether to eat his meat raw or take a chance with fire.

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BE NO BULL SHEET.