

New Nitrogen Fertilizer To Be Distributed by Toro

Organiform 24-0-0, a long-lasting organic nitrogen fertilizer introduced in the Midwest last year by Hawkeye Chemical Co., Clinton, Iowa, will be distributed by Toro Distributing, according to A. H. Bowers, Hawkeye marketing manager.

Used in the East for many years in professional turf management, the fertilizer supplies both water-soluble and water-insoluble nitrogen for steady slow-release through the growing season. The product is being evaluated for use under Midwest conditions at Purdue University.

Pro Dyn Will Ship Clubs In 10 Days with New Plan

To help club pros efficiently utilize inventory space and maintain cash flow, Pro Dyn now guarantees shipment of golf clubs within 10 working days after receipt of order. If Pro Dyn fails to ship the order or any part of the order within that time, it will give an additional 10 percent discount on the unshipped portion in addition to all other discounts.

With this delivery guarantee, pros do not have to maintain a large inventory of clubs or tie up cash in their inventory, Pro Dyn said. With just a few representative Pro Dyn sample sets, pros can fit the most exacting or unusual customer specifications and deliver the clubs in just a few weeks instead of months, Pro Dyn said. For further information, write: 11703 Chesterdale Rd., Cincinnati, Ohio 45246.

Golf Academy Begins Term

San Diego's Golf Academy began classes Jan. 29 with 10 students enrolled in the specialized two-year program designed to train persons for management careers at golf courses and country clubs.

The first term, which will offer classes in office management, accounting, communications skills and purchasing, will run through June 10.

Clubhouse Planning Point of NGF Book

A bad clubhouse can cripple a fine golf course. A good clubhouse needs enough space and enough money, as well as some thoughtful research. This is one of the main points brought out in a new revised publication of the National Golf Foundation, "Planning the Golf Clubhouse."

The book points out that a number of trends in the last generation have greatly influenced today's clubhouse design and operation. Among them are more family interest (women and children) in golf than ever before, a spreading of the idea that anyone should have and will pay to play a decent course and use a clubhouse — private or public — that offers good service, increased labor costs to operate clubhouses, competition between the traditional membership club and other restaurants and recreation centers, and increased knowledge about club administration, account-

ing, furnishing, promotion, food service and maintenance, as well as functional and aesthetic design.

The book presents a cross-section of current ideas and trends in golf clubhouse design and operation. It is not a book of plans to copy, but of guidelines, alternatives and samples. Sections included are: why your clubhouse needs an architect; site planning for the clubhouse; fitting the clubhouse to needs of users; how lighting creates mood and function; area requirements for clubhouse facilities; how to finance clubhouse projects; design criteria for the private membership clubhouse; a survey of new private membership clubhouses; design criteria for the resort/real estate clubhouse; and a section on design for public course clubhouses.

The book is available from the Foundation at Room 707, Merchandise Mart, Chicago, Ill. 60654.

Pre-emergence Herbicide Available Soon

In a recent review of turfgrass research being carried on at the University of Illinois the last three years, Asst. Professor A. J. Turgeon said the most significant find in the area of pre-emergence herbicides has been oxadiazon.

Turgeon noted that this material has performed exceptionally well, especially in conjunction with vegetative plantings of Kentucky bluegrass for controlling annual bluegrass and other troublesome weeds without retarding turfgrass establishment. He said oxadiazon will probably be available next spring as Ronstar from Chipman.

He said other studies in which a number of commercially available herbicides were applied repeatedly for several years disclosed the thatch-inducing effect of calcium arsenate and bandane. Associated with this were shallow rooting, higher wilting tendency during summer, and increased susceptibility to *Helminthosporium* leaf spot disease in spring. He said they have also determined the reduced water infiltration rates observed with these thatched turfs was not due to the thatch, per se, but rather the physical condition of the underlying soil presumably resulting from

poor rooting and the absence of earthworms.

Another study involving the use of pre-emergence herbicide for controlling existing infestations of annual bluegrass in closely clipped Kentucky bluegrass revealed the futility of using herbicides without adjusting other cultural practices to favor Kentucky bluegrass.

Food-Price Rise Estimates Cut by Washington Experts

Bringing estimates more in line with those of White House economists, the Agriculture Department has trimmed its forecast of first half food price increases substantially. Agriculture Secretary Earl Butz last month told President Ford he expects prices to rise about 1.5 to two percent in the first quarter of the year and another 1.5 to two percent in the second and then to level off or decline slightly in the second half of the year.

Butz noted that while food prices increased about 14 percent in 1974, about four-fifths of the increase was due to higher processing, transportation and other costs after food left the farm.

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