

Perfect Partners

IBDU and Sulfur Coated Urea

A new concept in slow release fertilizers to give you high performance at an economical cost.

Now you can get all the performance of a slow release fertilizer at a cost lower than most other professional fertilizer products.

New IBDU/SCU** mixes combine three nitrogen sources—IBDU, Sulfur Coated Urea and Ammonium Sulfate—to give your turf short, intermediate and long nitrogen release. This three-stage release results in a constant, even rate of turf feeding that lasts for up to 90 days.

Yet the price of IBDU/SCU fertilizers is less than you would expect to pay.

A First for Turf

New IBDU/SCU fertilizer mixes can provide your turf a combination of features never before available in a single fertilizer. It gives your turf all



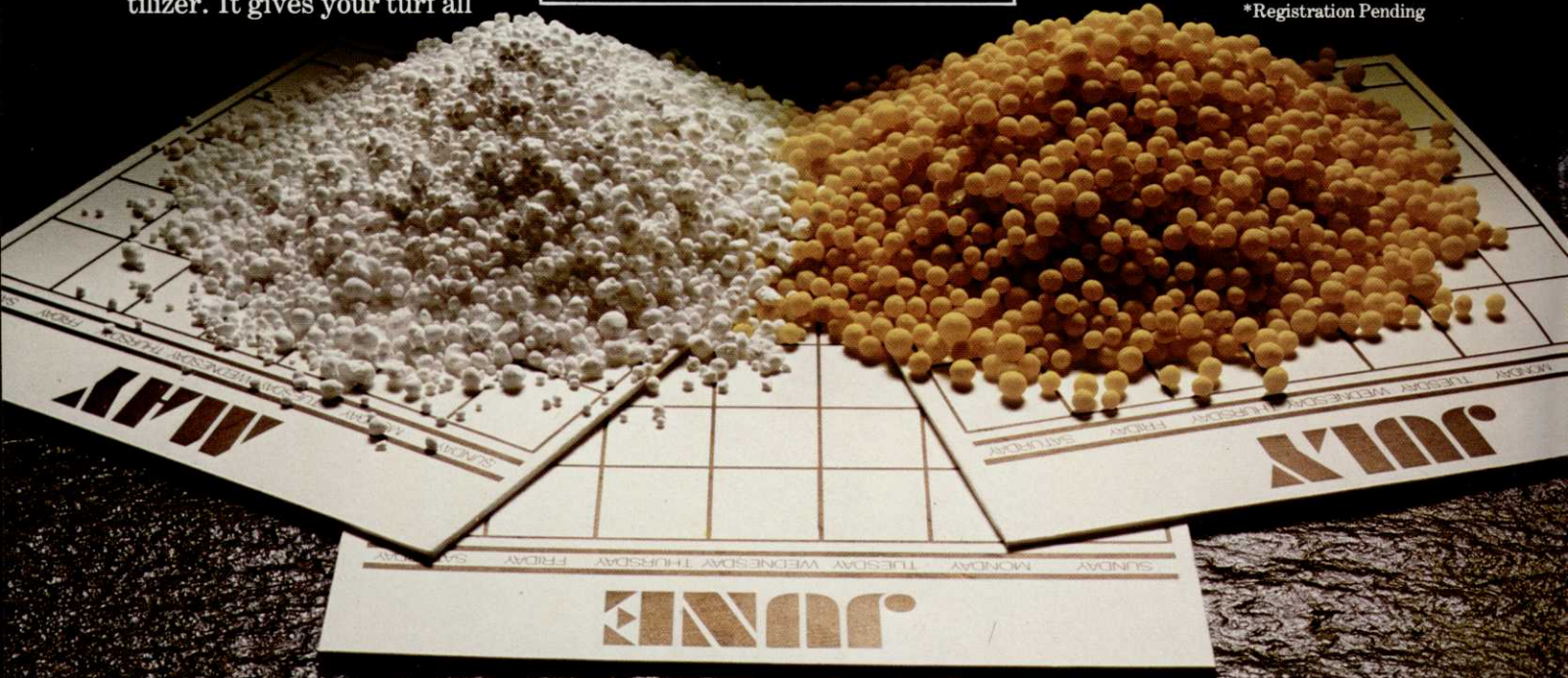
the benefits of IBDU, the highest performance slow release nitrogen available, with the proven benefits of a high quality prilled Sulfur Coated Urea. Plus, there's water soluble Ammonium Sulfate to get your turf off to a fast, green start. IBDU/SCU fertilizers are available in a variety of complete mixes, custom formulated to regional turf requirements.

See your local distributor or PAR EX representative about the new IBDU/SCU fertilizer mixes. They just might be the perfect partner for your fertilizer budget.

Estech General Chemicals Corporation
Selvitz Road, Ft. Pierce, FL 33450
305/464-3511

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*Registration Pending



par ex
PROFESSIONAL PRODUCTS



“Welcome to the South’s next great winter golf green.”

—Howard Kaerwer, Director of Turf Research at Northrup King’s Research Center

From one of these unlikely looking clumps of ryegrass will come the next improvement in Northrup King Medalist Brand® Overseeding Mixtures. The South’s most successful blends for over a decade.

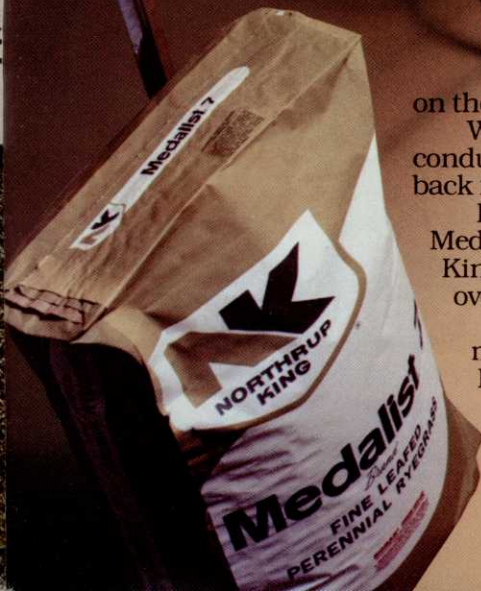
Howard Kaerwer and the Northrup King research team have devoted thirty years to developing new grasses and perfecting blends. The results are products such as Medalist 7 Brand, the rugged, dependable ryegrass blend that lets you control transition. And new grasses like Delray, with lower nitrogen requirements and better tillering than any other ryegrass on the market.

When Howard isn’t in the lab he’s on the links talking to superintendents, conducting field experiments and collecting new grass samples to bring back for testing.

Has Howard’s hard work paid off? Ten years after the introduction of Medalist Brand, 90% of 250 original customers were still with Northrup King. And since then, the number has grown to over 400 golf courses throughout the South.

Ask your Northrup King distributor how to make your course even better with Medalist Brand, the South’s most successful winter overseeding blends.

Or write: Medalist Turf Products, Northrup King Co., P.O. Box 370, Richardson, TX 75080 or P.O. Box 959, Minneapolis, MN 55440.



You just can't buy a better greens mower.



It's been proven time and again, day after day, acre after acre. You just can't buy a better cutting greens mower. For a very convincing demonstration, call your Jacobsen Distributor.

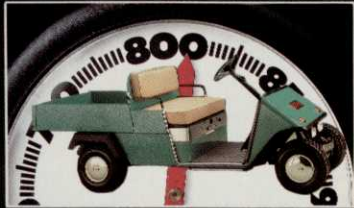
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TEXTRON

Jacobsen Division of Textron Inc.

Jacobsen: You just can't buy any better.



The GX-800 is just slightly over 800 lbs., light enough to protect valuable turf.



The load bed tilts for easy access to the drive package.



The GX-800 is suited to move just about anything.



The GX-800 carries up to 500 lbs. in the rugged loadbed.



THE E-Z-GO GX-800. THE LASTING IMPRESSION IT LEAVES WON'T BE ON YOUR TURF.

E-Z-GO introduces a new concept in landscape maintenance. The light-turf vehicle that's perfect when you need a utility car, and a truck is too much.

*It's as strong as an ox,
but gentle as a lamb.*

The E-Z-GO GX-800 is the perfect utility vehicle for landscaping. It's light and gentle on your valuable grounds. Yet it's strong enough to carry loads, climb hills, and ride in bad weather. They drive the fairway longer than any other utility vehicle. The chassis is welded high-yield tubular steel. It features a protective vinyl bumper strip, and a four-way diamond pattern treadplate design on the bed makes the GX-800 stronger all around.

*Put all your garden
tools to bed.*

The GX-800 has a 44" x 40" x 8" loadbed in the back that's deep enough to carry all your turf tools. It carries up to 500 lbs., and heavy duty springs and shocks make the ride smooth and comfortable, no matter how tough the rough. And the sides and tailgate are easily removed.

*This beast is a beauty on
your budget.*

You can afford three GX-800 vehicles for the price of one heavy-duty pickup truck. It's light enough so that it's economical on fuel and requires only standard maintenance. And it'll last years and years because it's engineered by E-Z-GO.

*The GX-800 is suited for
anything.*

From the electronic ignition, to the dual rear brake, to the hypoid ring and pinion differential, the E-Z-GO GX-800 light turf vehicle is strong enough for any landscaping job. Yet it is light enough so it won't be a landscaper. It's perfect for golf courses, cemeteries, public parks, office grounds-keeping, or large, private residential landscaping.

The GX-800 is especially a utility runabout. It's a tremendous time-saver for the superintendent who has to get around the grounds to oversee his crew. It can take the shortest route to its destination. For more information, call your nearest E-Z-GO representative.

E-Z-GO
TEXTRON

P.O. Box 388, Marvin-Griffin Road
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Introducing the C-I-L line of professional turf fertilizers containing S.C.U.

Developed for one professional, by another.

(PRILLS SHOWN ACTUAL SIZE)



(PRILLS SHOWN ACTUAL SIZE)



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The new mini prill, specially developed for greens feeding.

FOR FAIRWAYS:

C-I-L blended products bring you our quality S.C.U. direct.

They're the proven performance fertilizers, designed for your professional needs.



Professional Turf Products

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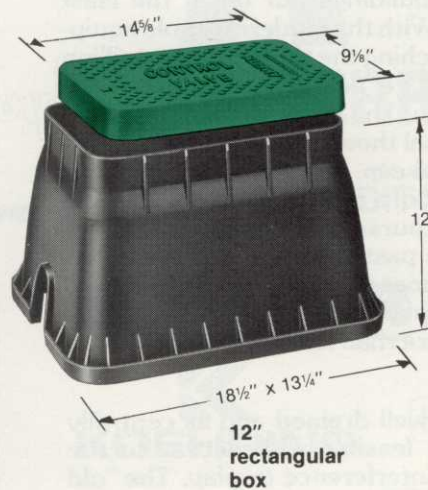
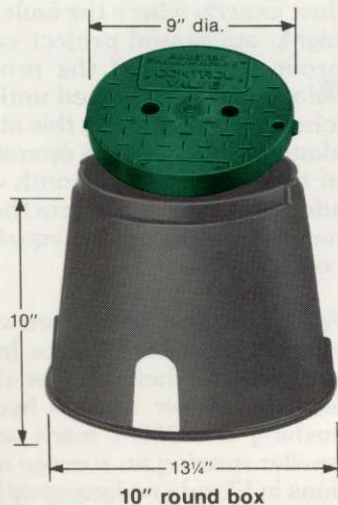
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Control boxes for turf irrigation systems

Plymouth irrigation boxes are made of a strong, tough thermoplastic material especially suitable for underground use. They're lighter in weight, easier to handle and less brittle than the cast iron or concrete boxes. And, the covers feature molded-in green color to blend-in-with rather than stick-out-of your turf. Rectangular boxes have snap locking covers; 10" round boxes have twist lock covers; and 6" round boxes have snap fitting covers. All boxes nest for simplified storage. AMETEK, Plymouth Products Division, 502 Indiana Avenue, Sheboygan, WI 53081. (414) 457-9435.

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Boxes stocked in Tampa for immediate delivery throughout Florida.

The Gator Growls

By DAN L. HALL JR.
Imperial Golf Club



The maintenance complex buildings and area used for storage of materials, parking and repairs of equipment as well as employee areas come in many various designs and concepts of what the facility should be; principally those of the golf course superintendent in charge at the time of construction. We won't endeavor to elaborate on the facets but will give an outline of what the principal areas of the complex should consist:

- A- EQUIPMENT REPAIR * PARTS STORAGE
- B- EQUIPMENT PARKING
- C- SMALL EQUIPMENT & TOOL STORAGE
- D- CHEMICAL STORAGE
- E- MATERIALS STORAGE
- F- EMPLOYEE FACILITIES
 - 1- Lunch and meeting area
 - 2- Rest rooms and showers, both for men and women
 - 3- Employee and guests parking
 - 4- Maintenance administration offices
 - 5- Nursery, greenhouses, plant propagation areas

The most possibly over-looked of all new golf facilities and the least considered is the land site as well as the areas above listed. For some reason even the best of all well planned projects never consider this part of the project until the last conceivable moment and the area is more than likely to be allotted the barest minimum of project funds once begun. Primarily the site is usually the poorest on the property and the buildings put up at the least possible costs imaginable. With the modern 18 hole equipment inventory fast approaching the three quarter million dollar figure, this amounts to nearly $\frac{1}{4}$ to a third the course costs less land value. The thousands of dollars in equipment and the additional thousands eventually spent in its maintenance and upkeep are probably the least planned and thought of part of a multi-million dollar package. Anyone involved in course maintenance who has skimmed on this phase the past twenty or so years has already paid probably ten times the costs of a well planned and built maintenance complex at the time of the original construction and that is more than likely a very conservative estimate.

Ideally the area should be well drained and as centrally located as is economically feasible with access to the outside and a minimum of interference to play. The "old barn" concept is no longer practical. Modern buildings, either pre-fab or built on site, can be attractive in themselves as well as esthetically landscaped to provide an appearance that can be conducive to the entire scope of the project. This heart of an expensive operation can no longer be placed in an "out of sight out of mind" location within the highly costly projects now necessary to attract the potential buyer. This area is now the hub of the entire

complex wheel. The golf complex will as a general rule reflect the attitudes employed in the location and buildings essential to the upkeep of the surroundings. In simple language, the long run results in the golf course itself will be, in most cases, exactly the parallel of its maintenance H.Q. and never the twain shall meet.

I have recently visited four of the type of projects described and these are the findings. All top of the line with so called unlimited funds to attract nothing but top echelon potential clientele to set the scene:

#1- First class all the way including the maintenance complex, with an operation center equal to many of the fine homes; that was ready almost at the time the course was to be planted.

#2- First rate all the way but the maintenance center was a greenhouse frame with a little plastic. Now this center is in one end of the cart shed and the complex maintenance area is still on hold months after opening with nothing in sight to date. At the least, \$100M in equipment is parked in the weather.

#3- At the time of opening for play this project had all its equipment, conservatively estimated to be nearly \$485M not only exposed to the weather but to trespassers as well with not even a Port-A-John for its employees.

#4- This course is now under the super's care with over \$350M in equipment under the same conditions as the above but the \$5 million dollar club house is nearly completed and the golf maintenance center was just getting its slab poured while there.

Just exactly where the fault lies is not our concern but no highly successful project can expect to realize the full profit potential of the project when such planning is delayed or over-looked until the last minute. In the opinions of fellow supers, this attitude toward the equipment alone will decrease its operational life at the least, a ration of two to one. One month without proper cover and an adequate area to perform the barest preventative maintenance procedures is equal to two months of proper conditions.

For years, the Florida answer has been to put all small equipment inside and the larger outside or if fortunate, under an overhead roof or shade tree. This is not likely a feasible answer when a hydraulic fairway unit alone is pushing the \$50M mark and units half that size and smaller running an average of \$15M plus. Moisture conditions in Florida no longer call for just a roof or even a three sided building. We all have seen equipment stored in totally enclosed buildings even with either power or wind

(Continued on page 20)

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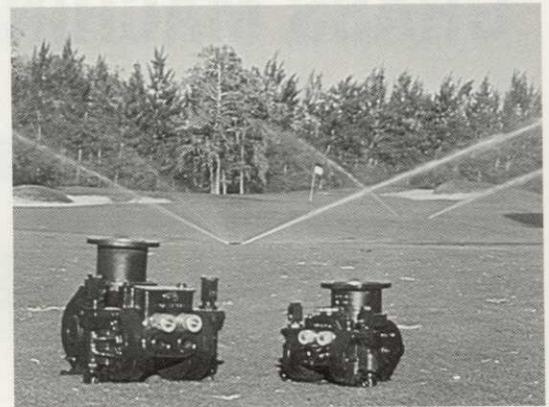
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