ADELPHI customers are happy with its dark green color... its thick fine texture and its excellent resistance to drought, heat and cold. Also, it is completely free of noxious weeds.

Try ADELPHI one time, you'll never use any other.

For information, contact:

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Jamaica, N.Y. 11423

NORTHRUP KING CO.
Minneapolis, Minn. 55413

VAUGHAN-JACKLIN CORP.
Bound Brook, N.J. 08805
Downers Grove, Ill. 60515
Post Falls, Idaho 83854

Canadian Inquiries: ROTHWELL SEEDS LTD., Box 511, Lindsay Ont. K9V 4L9
Other International Inquiries: NORTHRUP KING CO., Minneapolis, Minn. 55413

The GREENER Kentucky Bluegrass

FEBRUARY 1981/WEEDS TREES & TURF 61
GORDON'S PROFESSIONAL TURF TEAM

- Outstanding products
- Progressive distributors
- Technical assistance

The Fountainhead of Immaculate Turf
Your Gordon Distributor: a Veritable Pro Shop for the Professional Turf Manager

His shop has all the fundamentals of turf management: superior products, keen technical skills — even on-site consultation when you need it.

Each Gordon product is formulated for a specific purpose — from weed and disease control to soil improvement and much more. Every product has been thoroughly field tested and proved effective.

Continuous training keeps your Gordon Distributor abreast of new developments and management procedures. And his direct line to Gordon's Technical Service Department gives him immediate back-up for coping with unusually knotty problems. He wants to help you; it's his business.

The Pro Shop door is open. Walk in or call, anytime. Either way, you'll be putting your turf problems in touch with solutions.

### ALABAMA
- Your Gordon Distributor: Norsa Company • Tieco, Inc.
- Contacts: Markers of Clubview
- Montgomery: CASSCO • Tieco, Inc.

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- Your Gordon Distributor: Palmer • Alasmas, Inc.

### ARIZONA
- Your Gordon Distributor: Arizona Agrochemical Company • Capital Nursery Supply • Valley Valley Supply • Tucson: A. E., Inc. • Copper State Chemical Company

### ARKANSAS
- Your Gordon Distributor: Alexander • Capitol Equipment Co. • North Little Rock • Turf, Inc. • Searcy: A. L. Cone • Growers 

### CALIFORNIA
- Your Gordon Distributor: Anaheim • Robinson Fertilizer Co. • Lakewood • Bakersfield: Abate-A-Weed • Insect Control
- Carpinteria • Target Chemical Company
- Chula Vista: Wilbur-Ellis Company • Canella • Foster-Gardner, Inc.
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- Manteca: L. A. & Enterprises
- Oxnard: San Diego Chemical
- Sacramento: Orchard Supply Co.
- San Bernardino: Mercantile Mill, Inc.
- San Gabriel: J. Harold Mitchell Co.
- San Jose: M. E. Chemical Company
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- Santa Ana: Myers Chemical Co.
- Santa Barbara: Agri-Sales, Inc.

### COLORADO
- Your Gordon Distributor: Colorado Springs: Gandy • Vic Fertilizer Co.
- Westminster: S. A. J Turf Products

### CONNECTICUT
- Your Gordon Distributor: Devon • Somers Turf Supplies
- East Haven: Eastern Haven Landscape Supply
- Greenswich: Emanuel Shemin Horticulturist
- Hamden: Old Fox Chemical, Inc.
- Wethersfield: Chas. Hart Seed Co.

### FLORIDA
- Your Gordon Distributor: Hollywood: Atlantic Fertilizer & Chemical
- Jacksonville: Bingham Seed Co.
- Panama: Gulf Shore Turf Supply, Inc.
- Titusville: Woodbury Chemical Co.
- Sarasota: Sunniphone Corporation
- Youngstown: Eastern Chemical Company

### GEORGIA
- Your Gordon Distributor: Atlanta: Total Turf Care Company
- College Park: C. S. W. Chemical Company
- Conyers: Lawn & Turf, Inc.
- Dawsonville: Georgia Garden Supply
- Alpharetta: Georgia Garden Supply • GA Chemical Co.
- Americus: East Haven Wholesale

### HAWAII
- Your Gordon Distributor: Hilo • Occidental Chemical Company
- Honolulu: Occidental Chemical Company
- Trade West, Inc.
- Kahului: Occidental Chemical Co.
- Little Kauai

### IDAHO
- Your Gordon Distributor: Caldwell: Grass Creek Distributors, Inc.
- Canyon City: Steve Regan Company

### ILLINOIS
- Your Gordon Distributor: Barrington: Glenison Distributing Co.
- Chicago: George A. Davis, Inc.
- Crystal Lake: Country Gas Supply
- Danville: Bi-State Turf
- Decatur: Drake-Scruggs Equipment, Inc.
- Glasford: C. D. Ford & Sons
- Morton Grove: V-9 Supply Company
- Normal: Cheng-Cheng Turf Speciality
- Peoria: Behm & Hagemann, Inc.
- Rockford: Turf Management Supply South
- Normal South: Paarberg Chemical
- West Chicago: Turf Products Ltd.
- West Haven: Arthur Oosman, Inc.
- Evanston: Permalawn, Inc.

### INDIANA
- Your Gordon Distributor: Elizabeth: Turf Specialties
- Cory Orchard Supply
- Deco Chemical Company
- Indiana Turf
- Indianapolis: Deco Chemical, Inc.

### IOWA
- Your Gordon Distributor: Des Moines: Big Bear Turf Equipment
- Tri-States Turf Equipment
- Elkader: Meyer Equipment Company
- Iowa City: Little Wheels, Inc.
- Sioux City: W. A. Anderson Distributing Co.
- Waterloo: Fosters, Inc.
- Waukee: Bar Ag Supply
- Branson: Branson, Inc.
- W. D. Monroe: Big Bear Turf Co.
- West Des Moines: Resi-Haven Turf Service

### KANSAS
- Your Gordon Distributor: Garden City: Pueblo Chemical Co.
- Kansas City: Century Laboratories, Inc.
- Kansas City: Rhodes Chemical Company
- Salina: Landscaper Corporation
- Wichita: Barrels & Stones Chemical Co.
- Champion Turf Equipment, Inc.
- Robert Wise Company

### KENTUCKY
- Your Gordon Distributor: Florence: Big Bear Turf
- Lexington: Kentucky Garden Supply
- Louisville: Ben Holt Co.

### MASSACHUSETTS
- Your Gordon Distributor: Eastham: Turf & Garden Division
- Boston: Pro-Lawn Products, Inc.
- Burlington: Butterfield Farm & Garden Supply Co.
- West Amesbury: The Clapper Company

### MINNESOTA
- Your Gordon Distributor: Excelsior: Total Turf Care, Inc.
- Minneapolis: Twin Cities Turf Speciality
- W. L. Gould & Co.
- Lakeville: Pro-Turf Distributors
- St. Paul: Deacon Distributors
- Minneapolis: V. M. T. Distributors

### MISSOURI
- Your Gordon Distributor: Jackson: South Central Turf Equip. & Supply
- Speciality Oil Company, Inc.
- Madrid: MFC Services

### MISSISSIPPI
- Your Gordon Distributor: Jackson: South Central Turf Equip. & Supply
- Jackson: Golf & Turf Irrigation
- Grandview: Landscap Corporation
- Robinsons Lawn & Golf Course Supply

### MISSOURI
- Your Gordon Distributor: Kansas City: B & G Turf Care Co.
- Champion Turf Equipment
- Sunkist Supply Co
- Standard Seed Co.
- Mediacal Heights
- Outdoor Equipment Company
- Champion Turf Equipment
- St. Louis: A. J. Axle

### MONTANA
- Your Gordon Distributor: Billings: Turf Aid Distributing Co.
- Helena: Mr. Turf

### NEBRASKA
- Your Gordon Distributor: Kearney: Amsler Turf Care
- McCall: Cornell Chemicals

### NEW JERSEY
- Your Gordon Distributor: Avenel: Big Bear Turf Equipment
- Audubon: Eagle Green Corporation
- Toms River: W. R. Anderson Distributing Co
- Mays Landing: W. R. Anderson Distributing Co
- Manalapan: Westerfield Distributing Co.
- Mays Landing: W. R. Anderson Distributing Co
- Farmingdale: W. R. Anderson Distributing Co
- Toms River: W. R. Anderson Distributing Co

### NEW MEXICO
- Your Gordon Distributor: Albuquerque: Albuququerque Turf & Supply
- Albuququerque: Agricultural Products Co.
- Roswell: Roswell Seed Co.

### NEW YORK
- Your Gordon Distributor: Buffalo: Agri-Turf Products Co.
- Elmira: F. W. Miller Company
- Rochester: Center of Excellence
- Schenectady: E. J. Smith & Sons
-辉据了解
- Long Island: E. H. Griffith, Inc.

### NORTH CAROLINA
- Your Gordon Distributor: Charlotte: E. J. Smith & Sons
- Winston-Salem: E. J. Smith & Sons
- Macedonia: Macedonia Turf & Seed Co.
- Charlotte: W. F. Miller Company

### OHIO
- Your Gordon Distributor: Canton: United Chemical Corporation
- Columbus: United Chemical Corporation

### OKLAHOMA
- Your Gordon Distributor: Tulsa: B. J. Davis & Son
- Oklahoma City: B. J. Davis & Son
- Skiatook: B. J. Davis & Son
- Skiatook: B. J. Davis & Son

### OREGON
- Your Gordon Distributor: Portland: The Chas. H. Lilly Company
- Portland: W. R. Anderson Distributing Co

### PENNSYLVANIA
- Your Gordon Distributor: Boyertown: Amsler Turf Care
- Chambersburg: Amsler Turf Care
- Philadelphia: Amsler Turf Care
- Philadelphia: Amsler Turf Care
- North Philadelphia: Amsler Turf Care

### SOUTH CAROLINA
- Your Gordon Distributor: Charleston: W. R. Anderson Distributing Co
- Charleston: W. R. Anderson Distributing Co
- Charleston: W. R. Anderson Distributing Co

### SOUTH DAKOTA
- Your Gordon Distributor: Sioux Falls: Dakota Turf

### TENNESSEE
- Your Gordon Distributor: Memphis: The Janney Company
- Nashville: The Janney Company
- Nashville: The Janney Company

### UTAH
- Your Gordon Distributor: Salt Lake City: M. E. Chemical Company
- Ogden: M. E. Chemical Company

### VIRGINIA
- Your Gordon Distributor: Alexandria: Landscaper Division
- Hanover: The Clapper Company
- Hanover: The Clapper Company
- Hanover: The Clapper Company

### WASHINGTON
- Your Gordon Distributor: Seattle: W. R. Anderson Distributing Co
- Spokane: W. R. Anderson Distributing Co
- Spokane: W. R. Anderson Distributing Co
- Seattle: NuLife Fertilizers

### WISCONSIN
- Your Gordon Distributor: Milwaukee: Tony's Chemical House
- Wisconsin: Tip to Toe Turf Care

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### Write 146 on reader service card
$50 COMBINE CONVERSION DEVICE

CONVERT YOUR BROADCAST SPREADER TO A COMBINE CAPABLE OF APPLYING 3 DIFFERENT GRANULAR MATERIALS AT ONE TIME.

1. NO MORE HAND MIXING MATERIALS
2. NO MORE USING EXPENSIVE PRE-MIXES
3. NO MORE $15,000 OR MORE SPRAY TRUCKS
4. NO MORE EXPENSIVE COMBINES

5. NO MORE HUGE EQUIPMENT EXPENSES TO SERVICE MORE CUSTOMERS
6. NO MORE 2 OR 3 TIMES AROUND THE SAME AREA GETTING DIZZY

HERE IS THE ANSWER YOU HAVE BEEN WAITING FOR, 1 TIME AROUND DOES IT.

Norman Lynd, owner of Green Thumb Lawn Service, located in Willow Grove, PA., has invented and is now manufacturing this conversion device* that will change a broadcast spreader into a combine, without spending thousands of dollars.

A. Installation takes approximately one hour and you don’t have to be a mechanic.
B. Once installed, it can be removed in less than one minute for cleaning and put back together in one minute.
C. Installation instructions and directions are included.
D. The unit is made with rugged stainless steel and aluminum. (No rusting)
E. All nuts and bolts for assembly are stainless steel.
F. Because of the simplicity and ruggedness of this unit, it should never need replacement.
G. Three adjustable metering slides for calibration are the only moving parts.
H. A common ruler is used for calibration settings
I. Please allow three weeks for delivery.
J. At this time, insert devices are available for cyclone brand spreaders model #99-100 and 100B only. If you want them for other types of spreaders, please send us MANUFACTURERS NAME, MODEL # of spreader and YOUR ORDER. Please allow 6 WEEKS FOR DELIVERY.
K. These units are not available from any other source at this time.

L. Payment in full must accompany all orders before shipment is made.
M. We will ship all orders via UPS in U.S.A. unless otherwise specified.
N. Total price $50.00 per unit plus $5.00 per unit for shipping and handling.

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*PATENT PENDING
Warren's Turf Nursery acquired by Curran

The Curran interests of Crystal Lake, Illinois, have acquired ownership of Warren's Turf Nursery, Inc., headquartered at Palos Hills, a Chicago suburb, through transfer of stock certificates.

The Warren firm has nearly 5,000 acres of land under cultivation and is one of the largest growers of sod in the world. Currently, it is developing European and Asiatic, Australian and African markets for its patented grasses.

Warren's is the only turf grower with a research department that has led to the development of improved lawn grasses. The A-34 was the only one rated excellent by Michigan State University for wear tolerance, a quality which makes it particularly suitable for athletic fields and sports grounds. The A-20 is noted for its deep green color and disease resistance.

Besides new grasses, the firm's contribution to the turf industry includes turf handling equipment such as sod cutters, sod harvesters, and sod washing machines for the removal of soil from newly harvested sod. Soil removal results in a much lighter product, allowing lighter pay loads, and it enables newly planted turf to knit to the site soil more quickly.

Another innovation of Warren's is the vacuum cooling of sod on hot days. The cooling system lowers the temperature of newly harvested sod to just above freezing within about thirty minutes. The company has also pioneered in the dehydration and preservation of bluegrass clippings for poultry and livestock feed.

The Curran people who have acquired Warren's Turf Nurseries are diversified, with interests in paving, trucking, and railroad equipment. They have indicated that the management of the Warren organization will continue under the direction of the Warren brothers.

GREENBELT from page 43

ance of Professor Eric Arthur of Toronto, a noted architect and historian, who verified the authenticity of the 1870 construction date. The home is the focal point of the company's community relations program at the Lake Erie Works.

Stelco has already planted well over 100,000 trees and shrubs within their greenbelt system and these will be supplemented by many more, including 6,000 flowering varieties currently being grown at their on-site nursery. This nursery, incidentally, is located next to the old home that was restored.

The entire steelmaking development is surrounded by a greenbelt, which in places extends up to half a mile in width. The series of earth mounds, some up to thirty feet high, are but a few examples of the careful planning and millions of dollars spent on a greenbelt to make this one of the most environmentally attractive new steel plants on the North American continent. WTT
The John Deere line of compact utility tractors keeps growing smaller.

Not long ago, it was possible to have a job that was a little too big for a garden tractor, and a little too small for a full size tractor to handle.

So we introduced two diesel-powered compact utility tractors: the 22-PTO-hp 850 and the 27-PTO-hp 950.

They were simple, reliable, sensibly-priced diesel tractors. And lots of people liked them.

So, then, we introduced a little bigger one: the 33-PTO-hp 1050.

And now, here come two more additions to our line of Task Master™ Tractors: the 14.5-PTO-hp 650 and the 18-PTO-hp 750.*

They're a little smaller and a little less powerful than the other three, but they have many of the same big tractor features.

Because, like the others, they're not beefed up garden tractors. They're scaled down farm tractors. With plenty of clearance under the axles.

They also have fuel-saving, water-cooled, diesel engines. A transmission with 8 forward speeds and 2 reverse speeds. Differential lock. Rear power take-off. A Category 1 3-point hitch. Mechanical front wheel drive is optional. And you can get either traction tread or high-flotation tires.

Of course, one of the big reasons to buy a John Deere is the variety of power-matched attachments that go with it.

There are 5 different types of mowers, a front loader, backhoe, box scraper, post hole digger, rotary tiller, just to name a few.

Which means these small tractors can handle all kinds of jobs: from mowing to chores like plowing, till- ing, augering, loading and digging.

And believe it or not, they're priced well within reach of the average weekend farmer or jack-of- all-trades.

So if you're one of those people who needs a tractor that can do more than cut grass, whether it's landscaping, groundskeeping or construction, take a look at the full line of Task Master Tractors at your John Deere dealer.

Better yet, take one for a ride.

For more information, write John Deere, Dept. 67-68, Moline, Illinois 61265.

*Maximum PTO horsepower at 2600 engine rpm for the 650 and 850, 2400 engine rpm for the 750, 950 and 1050. All ratings by official test, except for the 650 and 750, which are factory observed.
WILD FLOWER MIX

The low-maintenance beauty treatment available in blends for Northern or Southern environments.

Pinto Wild Flower Mix... beautiful to look at and just as beautiful to maintain. Because wild flowers take care of themselves.

Pinto is a blend of perennials and annuals that reseed themselves. A painted picture of reds, pinks, blues, yellows and whites year after year. With such little maintenance.

Pinto Wild Flower Mix is ideal for industrial or recreational parks, golf course roughs, roadsides and home gardens. It's the perfect solution for areas that you prefer not to mow.

Pinto is available either as 100% wild flowers or as Meadow Mix combined with a fescue to aid soil stabilization. Varieties like Bachelor's Button, Chicory, Baby's Breath, Scarlet Flax, Painted Daisy and others are blended scientifically according to geographical location.

So whether you live in the North or South, you can have a Pinto Wild Flower Mix specially formulated for your climatic conditions. You'll get only those flowers which are adapted for your area.

Pinto Wild Flower Mix... the natural way to a permanent, beautiful landscape. For more information, or to place your Pinto order, call: John Morrissey or Marie Pompei at (800) 526-3890 in New Jersey. In Idaho call John Sours or Grant Jurgensen at (208) 773-7581.

Jacklin Seed Company
Post Falls, ID 83854 / (208) 773-7581
The U.S. used more coal in 1980 than originally predicted, but widespread unemployment and unused capacity still plague the industry, reports Newsweek. Consumption of U.S. coal, both domestically and for export, was expected to grow to about 799 million tons in 1980, an increase of almost eight percent over 1979.

Greater use of coal by the nation's utilities and a booming export market accounted for the increased demand. "Utilities, which account for over 70 percent of demand, are running existing coal-fired plants at higher capacity and are making use of new facilities," says Carl Bagge, president of the National Coal Association.

Bagge said 25 new coal-fired power plants were added in 1979 and another 30 were anticipated in 1980. In addition, a number of utilities, mainly in the East, are reducing their use of oil-fired power plants and are buying energy from coal-burning plants in the Midwest.

The Office of Surface Mining will provide $600,000 to reclaim an abandoned coal mine near Eagle Pass, Texas, which is located near a major housing development now under construction.

The funds will come from the federal share of reclamation fees collected from active coal mining operations as provided in the Surface Mining Control and Reclamation Act of 1977. Reclamation will include filling and permanently sealing the open shaft, burying the coal refuse material, grading to eliminate the steep slopes and gullies, and revegetating.

The office has also approved spending of $240,000 to reclaim an abandoned coal mine and power plant site at Gamerco, NM. The reclamation plan is very similar to the Texas operation and also designated as priority because of the danger to public health and safety.
A Real Success Story

Crabgrass control and proper feeding in one application.

Tee Time 20-4-10 fertilizer gives you an unbeatable combination of nutrients and pre-emergence herbicides for healthy growth and control of crabgrass and other grassy weeds.

20-4-10 gets your grass off to a healthy start in the early Spring. The combination of available nitrogen, controlled release nitrogen, and sulfur in 20-4-10 stimulates initial color response without excessive growth. The controlled release nitrogen, derived from sulfur-coated urea, doesn't require high soil temperatures or bacterial action to start working. Sulfur-coated urea is unique in that it releases its entire nitrogen content during the same growing season to allow the grass full utilization of this major nutrient.

The 2:1 ratio of nitrogen to potash also contributes to the proven performance of Tee Time 20-4-10. The proper balance of potash aids the overall health of the grass, increasing resistance to drought, disease, and traffic.

To this carefully formulated product, we add Balan® Betasan® or Dacthal® to provide a winning combination for proper feeding and pre-emergence control of crabgrass and other grassy weeds. Pre-emergence products perform as well when combined with fertilizer as when applied separately, and sometimes even better. A one-step application can save you both time and labor.

Our 20-4-10 with Balan® and Dursban® goes even a step further by allowing you to add insect control to your feeding and weed-control program in a single application. That can mean even greater savings in time and labor.

You can switch to The Andersons' Tee Time products with confidence, knowing we spent 10 years developing and refining them. Try using one of our 20-4-10 crabgrass-control products as part of your overall program. One of them is just right for you.

Our distributors are qualified to assist you in determining which of these fine products best suits your needs. If your present supplier does not carry The Andersons' Tee Time products, call us toll-free or write and we'll give you the name of your nearest distributor. You'll be glad you did.

the professional's partner

The Andersons
Lawn Fertilizer Division
P.O. Box 119
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Ohio: 800-472-3220
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