Dacthal drives 20 annual weeds off the course with one easy swing.

One application early in the spring. That's all it takes. Dacthal preemergence herbicide prevents 20 annual weeds from sprouting all season long. Problem weeds like carpetweed, chickweed, purslane and others. So you can devote time and manpower to more important work.

Dacthal doesn't stop there. It also drives out troublesome crabgrass and *Poa annua*. Hit'em in the spring. And follow through with Dacthal in late summer for control of *Poa annua* and other late-germinating weeds.

Over the years, Dacthal has proven to be the closest thing to worry-free weed control. It won't harm new grass when used as directed. Won't leach out with frequent waterings. And there's no problem of residue buildup in the soil. Dacthal degrades, naturally, in one season. Just read and follow label directions.

You can even use Dacthal to keep the weeds out of flowers and shrubs. It's cleared for use on over 120 ornamentals. That's one more beauty of it.

This year, drive out weeds with Dacthal...the allaround favorite preemergence herbicide. Available

in wettable powder or granules. Ask your supplier for more information or write: Agricultural Chemicals Division, Diamond Shamrock Chemical Company, 1100 Superior Avenue, Cleveland OH 44114.

> Diamond Shamrock Chemical Company

A UNIT OF DIAMOND SHAMROCK CORPORATION

American Optical Corp., 14 Mechanic St., Southbridge, Mass. Respirators, protects against harmful, highly toxic sprays, dusts and vapors in inticides, fertilizers, etc.

Eye protection goggles, protects against impact or dust & chemicals resulting from spraying, dusting, cutting, etc. Available with clear or sunglass lenses, plain or coated for anti-fogging.

Hard caps and hats, head protection against falling limbs or branches — Meets Amer. Nat'l Std. Z89.1-1970

Hearing protectors, protects hearing from damaging or irritating noises of tractors, sprayers, power saws, etc.

Ametek, Plymouth Products Division, 502 Indiana Ave., Sheboygan, Wisc. 53801

Superflexon plastic boxes, plastic irrigation valve boxes with turf green covers

Meter pits, plastic

Amoco Chemicals Corp., Industrial Products Div., 1530 Commerce Dr., Stow, Ohio 44224

Polyethylene pipe and fittings for irrigation

PVC pipe and fittings for irrigation

Corrigated plastic drainage tubing

Styrene rubber plastic drain pipe and fittings

Andrasko Engineering Co., P.O. Box 4633, Santa Barbara, Calif. 93103

The Meter Matic, fertilizer injector for irrigation systems

Aqua-Dial, P.O. Box 1325 Newport Beach, Calif. 92624 Turf irrigation Equipment

Automatic valves, hydraulic and electric, remote control Automatic controllers

Sprinklers, gear driven, pop up, vandal resistant, lawn and garden

Aquamarine Corp., Box 616, 1116 Adams, Waukesha, Wisc. 53186

The Aqua-Trio, 3-piece aquatic weed harvesting system (harvester, transport and shore conveyor)

The Sawfish, an aquatic weed cutter and front end loader (for weed, trash and/or oil spill cleanup on water)

Design and prototyping service for specialized equipment for unusual or extraordinary weed problems

Aqua-Mech Co., 2609 Cedar Springs Rd., Dallas, Tex. 75201 Aqua Mech, conversion kit from manual valve and key to automatic timed heads

Arctic Mizer Mfrs., Inc., 2116 E. Norse Ave., Cudahy, Wis. 53110

Arctic Mizer, spreader, self-powered; vacuum-thatcher, self-powered

Ariens Company, 655 W. Ryan Street, Brillion, Wis. 54110 Ariens Emperor, riding mower - 30" and 38" rotary; 8 hp

Ariens Fairway, riding mower - 26" rotary; 5 and 7 hp Ariens S-8 Tractor, lawn tractor - 36" rotary; 8 hp Ariens Lawn Vac, lawn vacuum

Ariens Trac-Team, 26" rotary mower, lawn vacuum, rotary broom on one 8 hp tractor

- Armor Metal Products, P.O. Box 822, Helena, Montana 59601 Anderson Rock Picker, heavy-duty rock removal machine for use in seedbed preparation
- Asplundh Chipper Co., Div. Asplundh Tree Expert Co., Blair Mill Road, Willow Grove, Penna. 19090

Chipper, high speed, tapered blade Forestry truck, Models L-40, 42, 45, 50; dump body, 12inch chipper, aerial bucket Brush hooks

Arps Corp., 1711 Wisconsin Ave., New Holstein, Wis. 53061 Arps 728, backhoe, tractor-mounted Arps 730, backhoe, tractor-mounted

Arps blades and rakes, landscaping rakes and utility blades

Johnson "Work-Horse", front-end loader, garden tractor-mounted

Johnson "Terra-Comb", combination thatcher and power-rake

Arps mini-blades and rakes, blades and rakes for garden tractors

Aurora Pump, 800 Airport Rd., Aurora, Ill. 60542 Aurora pumps, irrigation pumps centrifugal and turbine pumps

Austin Products, Inc., 1000 Singleton, Dallas, Texas 75221 Servis Saturn, 5 rotary mower; 6 rotary mower; 7 rotary mower Servis Cyclone, 60 rotary cutter; 72 rotary cutter Servis Flex, 15 rotary cutter Servis Gold Star, post hole digger Servis landscape rakes, box scrapers

Auto Hoe, Inc., S. 3rd St., De Pere, Wis. 54115 Auto Hoe, power hoeing machine 3.4 & 5 (HP)

Avco New Idea, Farm Equip. Div., 420 S. First St., Coldwater, Ohio 45828

Tractors: EGT-200, battery powered, 18 hp class EGT-150, battery powered, 16 hp class EGT-120, battery powered, 14 hp class EGT-100, battery powered, 10 hp class EGT-80, battery powered, 8 hp class 35 attachments and accesories

Avco Ezee Flow, Coldwater, Ohio 45828 Spreaders, gravity drop, broadcast, fertilizer Seeders, broadcast Mowers, rotary Applicators, granular, insecticide-herbicide

B

B.A.G. Corporation, 9443 Sherwood Glen, P.O. Box 28403, Dallas, Texas 75228

Taicon Container, plastic, collapsible, reusable shipping container for handling bulk shipments Super sack container, one-ton disposable container

BMB Company, Inc., North Vermont at 9th, Holton, Kansas 66436

- Utility, 5' tractor operated rotary mower Special, 6' tractor operated rotary mower

XL and Brute, 5' and 6' tractor operated rotary mower Fury, 7' tractor operated rotary mower

Twin Brute 120 and 144, 10, and 12, tractor operated rotary mower

Twin Fury 144 and 160, 12 and 13'4" tractor operated rotary mower

Mighty Mower, 15, 18' and 20' flexible tractor operated rotary mower

Suburban 48, 48" trailing rotary mower w/ 8 hp gas engine

- BMB Flail Mowers, 72", 90", 144" and 180" tractor operated
- Bachtold Bros. Inc., 619 N. Center St. Forrest, Illinois 61741 Rotary mower 8 h.p. Tuff-Bee "30", Rotary mower rider 8 h.p.

Badger Dynamics, Inc., P.O. Box 305, 1221 S. Park St., Port Washington, Wisconsin 53074 "Bucky" Forklift, outdoor forklift 2500 lb. capacity

Models 6035/6045, Towable rough terrain forklift 6000 lb. capacity

Baker Equipment Mfg. Co., 1710 High Point Ave., Richmond, Va. 23230

Aerial towers, mobile equipment Derricks, mobile equipment

Bartlett Mfg. Co., 3009 East Grand Blvd., Detroit, Mich. 48202

Saws, tree, combination pruner and saw Saw, pruning, hand Saw sheaths Tree bracing materials Belts, safety Tree paints Trimmer, tree (hydraulic & pneumatic) Shears, lopping (two hand) Pruners, (long pole) fiberglass Saws, (long pole) fiberglass Rope, climbing

Bar-Way Mfg. Co., P.O. Box 640, Stamford, Conn., 06904
 Spray guns, long-range, worm-gear control on end of barrel
 Swivel adapters
 Invigorator guns — liquid fertilizers
 Suction refillers strainers
 Couplings

Beatty Trailers, Box 1027, Burlington, N.C., 27215

Beatty Trailers, self-contained, hydraulic dump; capacities 2, 3, 5, 9, 13 yard; transport trailers, 6 to 30,000 lb. capacity; tag-a-long and goose neck

Beck Manufacturing Company, P.O. Box 752, Auburn, Alabama 36830

Lawn-O-Matic, turf grass planter, plugger — sprigger Sod-O-Matic sod cutter, sod cutter cuts 3 16" strips at one time Sod-O-Matic sod harvester, Beck's big roll — sod

harvesting and laying system

Beeco Products Co., Industrial Park, Fort Washington, Pa. 19034

Beecomist, spray head for LV and ULV agricultural and insecticide spraying for aerial or ground equipment, rotary type, 12V DC or 24V DC, three models

Bell Helicopter Co., P.O. Box 482, Fort Worth, Texas Helicopters

Bemis Company, Inc., 800 Northstar Center, Box 215, Minneapolis, Minn. 55402

Bags and liners, plastic Bags, tree balling, litter, grass catcher Twine, tying

- Wm. Bergman Co.,1335 M-15, Reese, Mich. 48757 Service, stone picking, seeding, land preparation
- Berkeley Pump Co., 829 Bancroft Way, Berkeley, Calif. 94710 Pumps, electric and gasoline; irrigation, one to forty hp, higher hp available, centrifugal and turbine
- Bermuda King, Inc., Rte. 1, Okarche, Okla. 73762 Sprig harvesters, 20", 28", 42", 30 to 60 hp, 500 to 1,000 watt an hour rating Sprig planters, 1, 2, 3 and 4-row, large capacity Fairway spriggers, 2 to 10' width, large capacity

Bete Fog Nozzle, Inc., Greenfield, Mass. Stubbies, nozzles, mini-sized, three cone angles, flow rates from 3 to 300 gpm Spray nozzles Spray applicators Fog spray nozzles

- Big Brute Turf Cut, Div. of Finney Frocks, 18035 Georgia Ave., Olney, Md. 20832 Big Brute turf cutter, sodcutter
- Billy Goat, P.O. Box 229, Grandview, Mo. 64030 Billy Goat, suction sweeper Winro, leaf blowers Shred-N-Bag, shredder Chippit, chippers, vacuums

Black & Decker 701 E. Joppa Road, Towson, Md. 21204 Lawn mowers, electric rotary Grass shears, battery powered (re-chargeable) Hedge trimmers, 13" to 22" Black Knight—both electric and battery Lawn edgers, electric Patio vacs, 5 and 10 gallon dry and 8 gallon wet/dry

Patio vacs, 5 and 10 gallon dry and 8 gallon wet/dry Garden hose connectors, complete line of hose fittings John Blue Co., P.O. Box 1607, Huntsville, Ala. 35807 Spreaders, fertilizers (liquid, dry, bulk) Tanks, spray and fertilizer
Sprayers, mounted and pull type, rights-of-way G-1000 tractor (16 h.p.) rear engine, agricultural type. Attachments include rotary mower, cultivator, harrows, etc.
L-900 Metering Pump, injection of liquid fertilizer for irrigation systems
Cotton Module Maker, 24' and 32'
Cotton Module Trailers, straight tongue or gooseneck, 24' and 32'

Blue Bird International, Inc., 2778 So. Tejon, Englewood, Colo. 80110

Bluebird, lawn combers, A/K/A thatchers, dethatchers, lawn rakes, rnovators and vertical mowers, 4 hp, 5 hp, 7 hp Bluebird "1500", engine hoists, knockdown type Bluebird "3000", engine hoists, towable type Bluebird "Yardbird", utility crane Bluebird, engine stands Bluebird "F .20B", lawn comber, compact type, 5 hp

- Bombardier limited Valcourt, Quebec, Canada Muskeg brush cutter, tracked vehicle (90 hp) equipped with front-mounted hydraulic rotary brush cutter Muskeg carrier, tracked vehicle (90 hp) with spraying equipment
- Boss Irrigation, P.O. Box 191, San Angelo, Texas 76901 Irrigation sprinkler
- Bowie Industries Inc., P.O. Box 931, Bowie, Texas 76230 Hydro mulcher—used in sprigging, seeding, mulching, fertilizing, insect control and weed control 350, 500, 800, 1,000, 1,500, 2,500 and 3,000 gallon tanks. Trailer or skidmounted
 - Agri-sprayer, multi-purpose low volumn 400 gallon sprayer, fiberglass tank trailer-mounted, remote hydraulic operation. P.T.O.

Bridgeport Implement Works, Inc., P.O. Box 491 WT, 60 Rachel Drive, Stratford, Conn. 06497

Pixtone, trailer-type—self-powered, picks stone ³/₄ to 9inch diameter

Briggs & Stratton Corp., P.O. Box 702, Milwaukee, Wis. 53502

Engines, 4-cycle, single cylinder, gasoline

Brighton By-Products Co., Inc., P.O. Box 23, New Brighton, Pa. 15066

Weed Chek, fiberglass landscape mat Triton, planters & benches, fiberglass Bridgestone, high pressure spray hose

Brillion Iron Works, 200 Park Ave., Brillion Wis. 54110 Mow-Safe, safety flail mowers (72" and 88") Swing-Cut, rotary mower (60" and 72") Turf-Maker, seeder for sod-growers Sure-stand, landscape and agricultural seeders Terra-Scraper, landscape rakes Versa-Mower, 180" rotary cutters

Brinly Hardy Co., Inc., P.O. Box 1116, Louisville, Ky. 40201 Brinly attachments, gardening and landscape equipment for tractors equipped with sleeve type hitch Brinly implements, gardening and landscape equipment for tractors equipped with Cat. "O" 3-pt. hitch Brinly lawn maintenance equipment, pull behind equipment such as roller, aerators, broadcast spreaders

Brouwer Turf Equipment Limited R.R. No. 1, Keswick, Ontario, Canada

Sod harvester, attached to a 35-40 hp farm tractor Frate Lift, 3-wheeled, self loading forklift

The Broyhill Company, No. Mkt. Sq., Dakota City, Nebr. 68731

Sprayer, skid-mounted, mechanical agitation Sprayers, trailer mounted, mechanical agitation Sprayer parts: pumps, hose, tanks, trailers, nozzles, handguns, spring boom Buckner/Johns Manville Irrigation, Greenwood Plaza, Denver, Col. 80217

Full line irrigation, automatic electric controllers, impulse sprinklers, valve-in-head sprinklers, quick couplers, popup sprinklers, hydraulic controllers, valves

Buffalo Turbine Ag. Equipment Co., Industrial Place, Gowanda, N.Y. 14070

Sprayer, mist blower, ULV hand carried, sonic ULV, mist blower, turntable

Sprayer-duster, mist duster, combination

Duster, dust only

Sprayer-duster, back pack, power take-off

Bunton Co., 4304 Poplar Level Rd., Louisville, Ky. 40213 Mowers, rotary

Lawn and turf equipment

C E. L. Caldwell & Sons, Inc., 3204 Agnes St., P.O. Box 9316, Corpus Christi, Tex. 78408

Interstate, rotary mower, 15 ft.

Challenger, rotary mower

Manta Ray Interstate, rotary mower, 10 ft.

Brush Beaver, rotary mower, 5 ft. or 6 ft.

Manta Ray, Jr., rotary mower, 16 ft.

Contur Flail, heavy-duty, flexible flail, 15 ft., 3 sections Shark-go, flail-type shredder, 90 inches

Barracuda, lift-type flail mower, 72-inch

CareTree Systems, 7030 Huntley Rd., Worthington, Ohio 43085

CareTree transplanter, tree transplanter for installation on agricultural or industrial tractors or 4-wheel loaders

Cast Iron Pipe Res. Assoc., 1211 W. 22nd, Oakbrook Exec. Plaza, Suite 23, Oakbrook, Ill. 60521

Cast iron pipe for irrigation

Campbell-Hausfeld Co., Sales Ave., Harrison, Ohio 45030

Lombard CS1500 (electric), saw, chain, electric, 12-inch bar, 12 amps

Lombard Pony (CS2500), saw, chain, gasoline, 12-inch bar, 6¹/₂ lbs.

Lombard Comango (CS3500), saw, chain, gasoline, 16inch bar, manual oiler

Lombard Super Comango (CS3501), saw, chain, gasoline, ½ "anti-vibe", auto oiler

Lombard Super Lightning (CS3502), saw, chain, gasoline, ½ "anti-vibe", auto oiler

Lombard Super Lightning Anti-Vibe (CS3503), saw, chain, gasoline, full "anti-vibe", auto oiler, decompression valve

Cascade Corporation, P.O. Box 25240, Portland, Oregon 97225

Cascade Knuckleboom, truck mounted hydraulic crane that stows in less than 2' of bed space. Capacities to 9,650 pounds at 5'

J I Case, Outdoor Power Equipment Division, Winneconne, Wisconsin 54986

Snow Blowers, J81 (32") J80 (38") J84 (48")

Compact Tractors, 108 (8 hp) 118 (8 hp) 210 (10 hp) 220 (10 hp) 222 (12 hp) 224 (14 hp) 444 (14 hp) 446 (16.5 hp) Loader Tractors, 644 (14 hp) 646 (16.5 hp) Rotary Mowers, J41 (34") J40 (38") J44 (44") J46 (48") Dump Carts Utility Blades, G51 (38") H50 (44") H54 (54")

Rotary Tillers, H70 (41") J72 (32")

Century Engineering Corporation, 221—4th Ave. S. E., Cedar Rapids, Iowa 52401

Sprayers, trailer, tractor, jet or mechanical agitation Washers, high pressure Heaters, portable oil and gas Certain-Teed/Daymond Co., 230 Collingwood, Suite 150, Ann Arbor, Mich. 48103

Certa-Flex, corrugated plastic tubings of various diameters for land drainage and trickle — irrigation

Certain-teed Products Corp., P.O. Box 860, Valley Forge, Pa. 19482

Fluid-Tite[™] double gasket asbestos-cement and PVC pipe, irrigation; fittings, irrigation pipe.

Champion Brass Mfg., 1460 N. Naud St., Los Angeles, Calif. 90012

Champion 466, 466P, anti syphon valves

Champion 17, 18, 19, lawn sprinklers, flush, popup, shrub Champion E.A., C.E.A., electric adapters

The Champion Company, 400 Harrison St., Springfield, Ohio 45501

Doo-All Roll-Dump Trailer, 1 and 2 cu. yd. hopper capacities

Doo-All End-Dump Trailer, 3 cu. yd. hopper, hydraulic dump

R. E. Chapin Mfg. Works, Inc., 29 Liberty St., Batavia, New York 14020

Dusters, flamethrowers, sprayers

- Charles Machine Works, Inc., Ditch Witch Division, P.O. Box 66, Perry, Okla. 73077
 - Ditch Witch trenchers, 7 hp to 195 hp, vibratory plows, backhoes, trencher mounted trailers, horizontal boring units

Clarke Div., Clarke-Gravely Corp., 1849/75 Estes Street, Muskegon, Michigan 49441

Litter Vac, indoor/outdoor vacuum for picking up large debris from grounds (5 hp Tecumseh engine) Space Sweeper, Models T-71-2-3 power sweeper (gas, elec., battery)

Airlift, sweeper (the Clarke revolutionary regenerative air principle)

Clark Equipment Trailer Division, P.O. Box 410, Michigan City, Indiana 46360

Clark Equipment mini trailers, a 22 dual axle and 30 ft. tri-axle flatbed trailers designed for use with 5th wheel connecting pick up trucks.

Clinton Engines Corporation, Clark & Maple Streets, Maquoketa, Iowa 52060

Engines, gasoline

Club Car, Inc., A Johns-Manville Company, P.O. Box 1625, Augusta, Georgia 30903

Caroche, four-wheel electric golf car (2 passengers)

Caroche Utility Truck, four-wheel electric utility truck (2 passenger and 500 lb. load

Caroche Personnel Carrier, Four-wheel electric (4 passengers)

Caroche Islander, combination commuter & golf car

Conaway, Inc., P.O. Box 303, Lawrence, Pa. 15055 Chain saws, portable generators, gasoline hedge trimmer, portable brush cutter, lawn and garden tractors, 7 to 16 hp., riding mowers, lawn mowers 2 and 4 cycle, lawn and garden tractors 8-16 hp., composters, garden tillers, riding mowers 5-8 hp., vacuum blowers, grounds keeper, high wheel rotaries

Container Development Corp., 424 Montgomery St., Watertown, Wisconsin 53094

Golf course equipment

Lewis line, ball washers, flag poles, tee markers, cups, cup cutters, flags, rakes, etc.

Contree Sales, Inc., P.O. Box 129, Columbus, Wis. 53925 Rice Paddy Daddy, sprayer Boom Dye-Marker, marks areas treated Wat Sol Oil, lubrication, preservative, storage oil Auger, Model S.S., 4-inch, 12 volt for materials handling

Conwed Corporation, 332 Minnesota St., St. Paul, Minn. 55101

Conwed Hydro Mulch[®], a wood fiber mulch used in hydro seeding

Conwed Economy Erosion Control Netting, tough plastic net used over loose mulches in high erosion areas

Cooper Mfg. Co., 422 S. First Ave., Mardhaltown, Iowa 50158

Edgers, gasoline powered Mowers, reel, walking Champion 21, greensmower

Corona Clipper Co., 14200 E. 6th, Corona, Calif. 91720 Tree and ornamental care and pruning equipment Grass shears, anvil pruners, hand pruners, lopping shears, pole pruners, pole saws, hand saws & pruning paint

Correct Mfg., Hughes Keenan Div., P.O. Box 689, Delaware, Ohio 43015

Sky-Worker, aerial bucket—reaches up to 71 ft., horizontal to 45 ft.

Coursigns, Inc., 6500 N. Clark St., Chicago, Ill. 60626 High impact plastic stakes and golf course signs, cart directional. Large signs such as: "course closed," "tee closed" etc.

3/16" Poly rope 1M & 2M ft. spools

Sand trap rakes, combines steel head & plastic teeth Plastic chain & ground posts

Tee caddy, container for tees, matches, scorecards

Howard S. Crane, Inc., P.O. Box 88, Oneida, New York 13421 Quick Test Moisture Tester, instrument to test grain Aqua Probe Sub Soil Moisture Meter, instrument to test soil

Creative Sales, Inc., 200 South Main St., Fremont, Nebraska 68025

Tree systems-medicaps, systemic tree trunk injection

Cresline Plastic Pipe Co., Inc., 955 Diamond Ave., Evansville, Ind. 47717

Cresline, PVC pipe and fittings Cresline Polyethylene pipe and tubing Cresline polybutylene pipe and tubing

Curtis Dyna Products Corporation, P.O. Box 297, Westfield, Indiana 46074

Dyna Fogger, thermal fogger BP-145, backpack sprayer, duster

Cushman, OMC-Lincoln, 1401 Cushman Drive, Lincoln, Nebraska 68512

Cushman turf care system, 12 hp and 18 hp gasoline vehicles for turf care

Cyclone Seeder Co., Inc., Urbana, Ind. 46990 Seeders

R

Dadco, P.O. Box 2086, Fresno, Calif. 93719

Dadco, battery clamps, guaranteed never to corrode. Supplies more power from battery to cable. Easy installation or removal. Available pre-molded on 2 & 4 gauge cable to 72"

Ross Daniels, Inc., P.O. Box 430, 1720 Fuller Road, West Des Moines, Iowa 50265

Ross Root Feeder, to feed as you water to the roots of trees and shrubs

Davey Tree Expert Co., Kent, Ohio 44240

Tree nursery, 150 varieties of shade and ornamentals

Tree service, nationwide and Canadian representation

Davis Mfg., Div. J. I. Case Co., 1500 S. McLean Blvd., Wichita, Kansas 67213 Fleetline®, rubber tire trenchers, 7-65 hp Task Force®, track mounted trenchers Road Run'r®, trencher 57 hp with backhoe attachment Boring and reaming attachments for trenchers. Also direct borial equipment Mini-Sneaker®, 25 hp vibratory plow Scatback™, 30 hp 4-wheel drive articulated loader Deere and Co., John Deere Equipment, John Deere Administrative Center, John Deere Rd., Moline, Ill. 61265 JD 350B & JD 450C, crawler; 42 and 65 hp; loader bulldozer blades and log fork available JD 760A & JD 860A, elevating scraper; 9.5 and 15 cu. yd. JD 380 & JD 480B, forklifts; 4000-5000 lb. lift and 5000-6000 lb. lift Mowers, rotary, flail; push, riding, self-propelled; side mounted cutter bar available JD 24, JD 70 & JD 170, skid steer loader; 25 and 37 hp JD 820, grounds maintenance tractor, 31 hp; belly mounted mower, cuts 6 ft. swath Tools, 237 different tools for shop, work and home Roto Tillers Lawn Sweepers Blades Snow Throwers Chain Saws JD301A, tractor, utility, 43 hp, utility loader, 43 hp

JD 300B, loader, 43 hp, loader/backhoe, 43 hp

JD 302, tractor, 50 hp, utility loader, 50 hp

JD 302A, loader, 50 hp, loader/backhoe, 50 hp

- JD 401 B, tractor, utility loader
- JD 401 C, loader, loader/backhoe

Delavan Mfg. Co., 811—Fourth St., West Des Moines, Iowa 50265

Nozzles, all conceivable types, sizes and spray angles Accessories, boom control valves, pressure relief valves, strainers, agitators and spray guns Pumps, roller, turbine, piston

DESA Industries, Inc., 25000 S. Western Ave., Park Forest, Ill. 60466

Remington, gasoline chain saws, electric chain saws, pneumatic chain saws

Dico Co., Inc., P.O. Box 1344, Des Moines, Iowa 50305 Dico, Knuckle boom for sod loading & transporting For wood, brush, trash Log loaders. Trolly boom hoists Traveling boom & cranes

Wheels and brakes

Digz-All Trencher Co., Div. Wing King Co., Merril, Iowa 51038

Digz-All, trenchers

DriAll, Inc., P.O. Box 309, Attica, Ind. 47918

Air Curtain Destructor, pit incinerator for disposal of trees and wood products—air pollution approved Scarifier Levler, leveling device with scarifying teeth for landscapers, sod growers

Yard Levler, leveling or grading drag

Dunlop Tire & Rubber Corp., Box 1109, Buffalo, N.Y. 14240 Dunlop tires, for cars and trucks, tractors and implements E

ESB Brands, Inc., Willard, Exide, Box 6949, Cleveland, Ohio 44101

Willard and Exide batteries, 6-volt electric golf car and golf utility vehicle batteries. Lead acid storage batteries for lawn and garden tractors ESB Battery Chargers E-Z Go Car, Division of Textron, Inc., P.O. Box 388, Augusta, Ga. 30904

E-Z Go Golf Car, X-440 electric 3-wheel, GX-440 gas 3wheel, X-444 electric 4-wheel, GX-444 gas 4-wheel GT-7 gas turf vehicle

E-Z Rake, Inc., 1001 S. Ransdell Road, Lebanon, Indiana 46052

E-Z Rake, Spring Tine Thatchers and power rakes, lawn vacuums that attach to garden tractors and riding mowers

Eagle Mfg. Co., 24th & Charles St., Wellsborg, W. Va. 26070 Eagle manufactures a complete line of oilers, safety cans, oily waste cans, lab cans, oil and gasoline containers and safety storage cabinets

Echo Chain Saw Div., Kioritz Corp. of America, 350 Wainwright Ave., Northbrook, Ill. 60062

Echo Chain Saws, full range of chain saws from CS302, 30cc unit to CS100, 100cc unit

Echo Power Blowers, compact, lightweight knapsack type blower, 40 cc engine

Echo Duster/Mist Blower, compact, light weight knapsack type blower, 40cc engine Echo Swing Scythe, lightweight, shoulder type, 20cc

engine

Economy Tractor, 1005 Anoka Ave., Waukesha, Wisc. 53186 Mowers, rotary, tractors (13-20 hp)

Engineering Products Co., P.O. Box 284, Waukesha, Wis. 53186

Economy, man-size all-gear tractor, 14 hp Mower, rotary, mounted under tractor, 60 inches

Edwards Manufacturing Company, P. O. Box 1275, Ponca City, Oklahoma 74601

Edwards Sprayers, power sprayers, 50, 100, 200, 300, 400, 500, 1,000 gallons; 3 to 50 hp engines

Rue R. Elston Co., Inc., 815 E. 79th St., Minneapolis, Minn. Gopher Getter Jr., injection equipment

Energy Mfg. Co., Inc., 100 N. Main, Monticello, Iowa 52310 Hoists, pick-up

Hoists, truck

Hoists, bolster wagon

Hydraulic cylinders, valves, pumps, motors, reservoirs, gauges, couplers, filters, cylinder breathers

Erickson Corp., 211 St. Anthony Blvd., N.E., Minneapolis, Minn. 55418

Erickson, hydrostatic drive compact front end loaders

Erie Go Mfg. Inc., 1432 Tiffin Avenue, Sandusky, Ohio 44870 500 Ken Roll, ½ ton, hydrostatic, recoil start, manual steering 3000 Ken Turf Roll, 48" wide, hydraulic drive, manual

start (electric start optional)

- Eversman Mfg. Co., Curtis at Fifth St., Denver, Colo. 80204 Eversman, land leveler
- Red Ewald, Inc., P.O. Box 1167, Karnes City, Texas 78118 50-gallon spray rig, the basic unit is 50-gallon fiberglass tank, skid, 5 hp engine, 6 roller pump, 25' hose and handgun, plumbing and regulator

Excel Industries, Inc., P.O. Box 385, Hesston, Kansas 67062 Hustler, mower, rotary Model 272, 18 hp, dual hydrostatic transmission, 72-inch cut, winter attachments available

Hillside Hustler, mower, rotary, 24 hp, dual hydrostatic, Model 360, self-leveling for maximum safety and performance on hillsides and level ground; 60-inch flail, too

FMC Corp., Agricultural Machinery Div., 5601 E. Highland,

Jonesboro Ar. 72401

Bean Sprayers, hydraulic, all-purpose, pull-type Bean sprayers, hydraulic high pressure, mist blowers, skid mount, trailer mount, complete line of booms,' accessories, components. Rotary and Flail tractor mounted mowers, tilthers

Mistblowers, truck mounted, nozzle parts

FMC Corporation, Sweeper Division, 1201 E. Lexington St., Pomona, Calif. 91766

Wayne Stump cutter and Wayne Brush Chipper

FMC Corporation, Outdoor Power Equipment Div., 215 South Park Street, Port Washington, Wis. 53074

HT-20, tractor, garden, hydrostatic, twin cylinder, 19.5 hp 54-inch rotary mower, 48-inch two-stage snow thrower, 42" single stage snowthrower, 54" blade, 33" tiller expandable to cover wheel widths.

QT-16, tractor, garden, hydrostatic drive, twin cylinder 16 hp, 48-inch rotary mower, 42" single stage snowthrower, 54" blade, 33" tiller expandable to cover wheel widths. QS-16, tractor, garden, hydrostatic drive, 48-inch rotary mower, 16 hp, 42" single stage snowthrower, 54" blade, 33" tiller expandable to cover wheel widths, 16 hp single cylinder engine

H-14, tractor, garden, hydrostatic drive, 14 hp 42-inch rotary mower, 38" single stage snowthrower, 42" blade, 33" tiller expandable to cover wheel widths

G-14, tractor, garden, 14 hp, 42-inch rotary mower, 38" single stage snowthrower, 42" blade, 33" tiller expandable to cover wheel widths

G-10, tractor, garden, 10 hp, 38-inch rotary mower, 38" single stage snowthrower, 42" blade, 33" or 22" tiller G-8, tractor, lawn, 8 hp, 32-inch rotary mower, 32" single stage snowthrower, 42" blade 828, 829, mower, riding, 8

stage snowthrower, 42" blade 828, 829, mower, riding, 8 hp, electric and recoil start, 28-inch rotary

Mowers, mulching type, rotary, two 22-inch selfpropelled, 22-inch and 18-inch, hand propelled, mulching type, rotary, 3 special application units, 22" push, 2 18" push

Mulcher Baggers, two models, 6 hp and 3.5 hp, both equipped with safety interlocks and leaf ramp option Tillers, horizontal shaft, 5 hp; vertical shaft, 3.5 hp Attachments to fit tractors

FMC Side-Winder, P.O. Box 818, Minden, Louisiana 71055 Side-winder rotary cutters, tractor drawn rotary cutters, lift and pull models, 4 ft. to 16 ft.

Side-winder flail mowers, tractor drawn flail mowers, 6 ft. and 7 ft. models

Fairmont Hydraulics, 332 S. Michigan (Suite 1818), Chicago, 111. 60604

The Powerfuls, drills (hydraulic powered), pruners (hydraulic powered), saws (chain-hydraulic powered), saws (circular-hydraulic powered)

Fanno Saw Works, Box 628, Chico, Calif. 95926 Saws, pruning, manual

Fayette Division, Dayton-Walther Corporation, P.O. Box 8, Fayette, Ohio 43521

Haulette by Fayette, trailers, utility and light to medium heavy industrial

Ferrari Tractor, 6104 Avenida Encinas, Carlsbad Ca. 92008 Ferrari 4WD Tractor, 30 & 45 hp 4WD mowing tractors Mascio Rototillers, Commercial 40", 50", 60" & 90" rototillers for all 3 point hitch, catagory I trailers Ferrari Walkbehind rototillers, 7.5 hp & 14 hp diesel rototillers Ferrari Lawn & Garden tractors and sprayers 7.5 hp &

Ferrari Lawn & Garden tractors and sprayers, 7.5 hp & 14 hp diesel power head tractors for mowing, snow blowing, "spraying", also has riding trailer

Ferrari Snow Plow, 7.5 hp & 14 hp diesel snow blower

We've been talking a lot lately about the Ditch Witch Modularmatic concept and what it means to the underground construction industry. The Modularmatic series does provide a tremendous range of job functions; all designed and developed around the basic soundness of design and historic success of the Ditch Witch trencher series. We're mighty proud of it

and what it offers, but we realize there are times when the many capabilities of the Modularmatics are not needed. That's why we manufacture our standard line of trenchers.

DON'T FORGET OUR TRENCHERS!

Ditch Witch designed and built the world's first service-line trencher more than 20 years ago. We've continued to build the world's best trenchers ever since. If your job requirements are strictly trenching, there's a model in the Ditch Witch trencher series that suits your needs exactly.

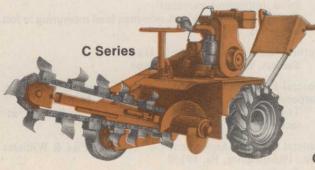
J20

For example, we offer two economical handlebar models, the C and M. Both are self-propelled with power plants ranging from 7- to 12½ horsepower.

If you need a four-wheel-drive machine with full hydraulic control, including power steering, we have the 18-horsepower J20 and 30horsepower V30.

Should you need a larger trencher, one of our Modularmatic models, equipped as a trencher, gives you the best machine in its class — plus the option of adding other capabilities later.

Whatever your underground construction needs, look first to Ditch Witch and "Don't forget our trenchers!"



Ditch Witch . . . equipment from 7 - to 195-HP.

V30



CHARLES MACHINE WORKS, INC. P.O. Box 66 Perry, Oklahoma 73077

- Ferti-Feeder, 3973 Eastlay, Des Moines, Iowa 50306 Ferti-Feeder, tree deep root fertilizer injector
- Fibre Glass Products, Box 147, Swannanoa, N. C. 28778 Tool boxes—pickup truck, Fibre Glass construction, paddle locks, built to accommodate **B** & G sprayer, fits all size trucks

Chemical tanks—pickup truck, 55, 110, 180 gallons, Fibre Glass construction, with agitator, drain, and hose connections

Fimco, Inc., 1st & Court Streets, Sioux City, Iowa 51101 Big Butch, pressure washer, electric, portable Dobbins, sprayer, lawn and garden, gas, mechanical agitation; sprayer, orchard and golf course, gas, mechanical agitation

Finn Equipment Company, 2525 Duck Creek Rd., Cincinnati, Ohio 45227

Finn mulch spreader, straw spreader

Finn Hydroseeder, seed and fertilizer spreader Finn Klodbuster, slope harrow

The Flintkote Co., Pipe Products Div., One Cascade Plaza, Suite 1402, Akron, Ohio 44308

Pipe, asbestos, cement

Pipe, PVC

Pipe, polyethylene

Flymo, P.O. Box 939, Elkhart, Ind. 46514 Flymo, air-cushion rotary mower

Foamspray Chemicals, Inc., 2623 Perth St., P.O. Box 20183, Dallas, Texas 75220

Foamspray[®] sprayer nozzles, aerial and ground boom, handgun, and orchard sprayer nozzles for Foamspray[®] drift reduction systems (five nozzle types cover air, ground, orchard and roadside)

Foley Mfg. Co., 3300 Fifth St. N.E., Minneapolis, Minn. 55418

Reel Grinder, sharpens, reel type, lawnmowers Bed knife grinder, sharpener, reeltype, lawn mower bed knives

Lapping machine, Back laps reel type lawnmowers Chain saw grinder, sharpen saw chains

Ford Motor Co., Tractor & Implement Operations (N.A.), 2500 E. Maple, Troy, Mich. 48084

Ford LCG Tractors, 37 to 63 hp

Ford all-purpose tractors, 23 to 131 hp

- Ford flail mowers, 62, 74 and 88-inch widths
- Ford rotary cutters, 60, 72, 84 and 100-inch widths

Ford sickle barmowers, 5, 6 or 7 ft. widths

Fore-Par, Inc., 7150 Fenwick Lane, Suite 106, Westminster, Calif. 92683

Fore-Par, tee markers, practice green markers, direction and rules signs, flags, greens, personalized, flags, greens, regulation, tee monuments

Fox Valley Marking Systems, 31W300 West Bartlett Rd., Bartlett, Ill. 60103

Easy Marker, aerosol paint cane type object to aide in layouts for landscapers, contractors, etc.

Friend Mfg. Corp., 4441 Prospect St., Gasport, N.Y. 14067 Tractor (hp); mower (reel, sickle, rotary, flail); saw (gas, hydraulic, electric, chain, circular); sprayer (type of agitation); irrigation (type of head, etc.) Eriod A impactor aig blact applicator

Friend Airmaster, air blast applicator

Friend Orchardkraft, alternators, power brushcutter Friend Commander, chemical applicators, granular, chemical

Champion and Chapin, chemical applicators, dusters Friend Orchardkraft, generators, hose, hydraulic and airpowered tools

Friend Parkkraft, litter bags

Willson, dust masks Friend, mistblowers, nozzle parts Uniroyal, protective clothing Friend Orchardkraft, pruners Friend, pumps Hannay, reels, hose Willson, respirators, safety equipment New Draulics, saws, chain, hydraulic and pruners, hydraulic Seymour Smith, saws, manual Friend Orchardkraft, power saws, shears Friend, spray booms, spray guns, spray nozzles, complete, disk whirls Friend, spray pumps, sprayer, bifluid, boom Friend Orchardkraft, sprayers, cart or wheelbarrow type, hand, knapsack Friend, spray tanks, sprayers, hose end, complete power unit sprayers

Fruend Can Co., 143 W. 84th St., Chicago, Ill. Gasoline cans to meet OSHA specifications

Fuerst Brothers, Inc., P.O. Box 271, Rhinebeck, New York 12572

Fuerst F-l-e-x-i-b-l-e tine harrows, turf maintenance equipment for seedbed preparations, scarifying, overseeding preparation, golf course construction, general turf area and bridle path maintenance

G

G. E. M. Products Inc., Box 845, Carol Stream, Ill. 60187 Snow Co "Power Kart", 3 wheel truck 8 hp Snow Co "Farm Skat", all terrain vehicle 8 hp

G. & H. Products, Inc., St. Paris, Ohio 43072 Uni-Lift, motorized all-position stand for riding mowers, lifts up to 80 inches, 1,000 lb. loads, in less than 30 sec.

- Game Time, Inc., The Toro Company, 903 Anderson Rd., Litchfield, Michigan 49252
 - Park and playground equipment, half-way houses for golf courses

Gandy Company, 528 Gandrud Road, Owatonna, Minnesota 55060

Gandy Turf Tender, for fertilizer, seed or granular chemical; 24 or 42-inch width

Gandy spreader 600 Series, for fertilizer, seed or granular chemical; 3, 4, or 5-foot width

Gandy Spreader 10A Series, for fertilizer, seed or granular Chemical, 6, 8, 10 or 11-foot width, pull-type and tractor mounted

Gandy Spreader 1020A, for fertilizer, seed or granular chemical; 20 foot; folding

Gandy disk mount, granular applicator; 3 to 20 foot, hydraulic or mechanical drive

Gandy Ro-Hi, high clearance granular applicator; 5 to 28-inch band

Gandy Line Tender, granular applicator; 1 to 21-inch band, handle control

Gandy Super/Junior, Granular applicator; 1 to 21-inch band, implement-mounted

Gandy Measuring Wheel, one-man land measuring in feet or meters

Garber Seeders, Inc., St. Paris, Ohio Seeders, mounted and pull type

General Electric Co., Outdoor Power Equipment Operation, Corporations Park, Bldg. 702, Schnectady, N.Y. 12345

Tractors, electric/battery-powered, full line of attachments

General Scientific Equipment Co., Limekiln Pike & Williams Ave., Philadelphia, Pa. 19150

Aprons Gloves

USE SOME SELF CONTROL



Ordinary slow release nitrogens just can't seem to control themselves. In fact, their behavior is as fickle as the weather.

Typical urea-formaldehyde nitrogens release very fast in hot weather and almost not at all in cold weather. They have very little self-control.

IBDU is a unique slow release nitrogen source. Its release rate is primarily dependent upon normal soil moisture and its own particle size.

And that means that IBDU gives the best feeding control. IBDU's release rate and availability won't drastically change when the weather or soil bacterial activity change. By using IBDU, you can regulate your turf's response, because the rate at which your turf is fed is more closely controlled.



Now that you know you can control your turf's response more closely by using IBDU, and that only Par Ex contains IBDU, it makes a lot of sense to buy only Par Ex products. That's using self-control.

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First aid kits Aerosol burn spray

Giant-Vac Mfg., Inc., Machine Shop Road, South Windham, Conn. 06266

Giant-Vac, heavy-duty commercial vacuums

Giant-Blo, heavy-duty commercial blowers

- Giant-Truck Loader, heavy-duty truck loaders, front or trailer mount from 12 through 68 horsepower Giant-Thatcher, 5 and 7 hp—thatching machines
- Ginther Equipment Corp., P.O. Box 311, Arcadia, Ca. 91006 Du-wiper, dew remover for greens

Clipping spreader, patented spreader-recycles grass clippings from green or tees

Turf drag, steel drag, breaks up grass or dirt lumps on fairways

Control stakes, steel stakes, types T & CP, with our golf course guide rope, controls flow of traffic

OB stakes, steel out of bounds stakes for controlling traffic

Golf course guide rope, plastics rope, ¼" hollow graided for use with our stakes in controlling traffic

Bag supports, for supporting golfers bags & clubs at driving ranges on earth or asphalt.

Custom signs, signs, steel, with customized messages. Mity hyd. dump trucks and trailers, utility and personnel trucks, 5000 lbs. capacity with low ground pressure

Glendale Optical Co., Inc., 130 Crossways Park Dr., Woodbury, L. I., N.Y. 11797

Glengard head protection, 9500 series safety hat.

Goodall Div., 1405 Bunton Rd., Louisville, Ky. 40213 Goodall, mower, rotary Goodall lawn-turf equipment

Gotham Chicago Corp., 2660 N. Clybourn, Chicago, Ill. 60614

Rose kones, winter protection for roses (foam plastic)

Granberg Industries, Inc., 200 So. Garrard, Richmond, California 94804

Clip-N-Trim, chainsaw pruning and hedge clipping attachment

Grind-R-Guide, electric grinder for saw chains Break-N-Mend, hand-tool for repairing saw chain Alaskan Mill, lumber making chain saw attachment Mini-Mill, lumber making chain saw attachment File-N-Guide, chain sharpening device File-N-Joint, chain sharpening device

Grass Growers, Inc., P.O. Box 584, Plainfield, New Jersey 07061

Terra Tack, for erosion control, straw / hay tack and mulch binder

Gravely, Division Clarke-Gravely Corp., One Gravely Lane, Clemmons, N.C. 27012

816 4-wheel tractor, 8-spd. trans., 16 hp, Onan 2-cylinder engine (rear mounted)

812 4-wheel tractor, 8-spd. trans., 12 hp Kohler single cylinder engine (rear mounted)

810 4-wheel tractor, 8-spd. trans., 10 hp Kohler single cylinder engine (rear mounted)

408 lawn tractor, 34-inch rotary mower-8 hp Kohler engine

7.6 hp custom 2-wheel tractor, 30" rotary mower, 40" rotary mower, 50" rotary mower

7.6 hp 2-wheel tractor, rotary tiller, rotary plow, rotary cultivator

C-10 hp commercial 2-wheel tractor, 44", 38", 36" snowblowers, front mount 48" scraper

C-12 hp commercial 2-wheel tractor, blade, center-mount scraper blader, riding sulky for 2-wheel tractors

Greenlawn Sprinkler Co., 2200 South Lipan, Denver,

Colorado 80223

Greenlawn, adjustable riser sprinkler heads, automatic and manual sprinkler valves, adjustable risers, greenhouse bench nozzles

Griswold Controls, 124 E. Dyer Road, Santa Ana, Calif. 92707

System control module, irrigation controller

Station control module, irrigation controller Programmer, irrigation controller, check valve, flow control valve, solenoid control valve, pressure regulating

valve, combination pressure regulating and solenoid control valve

Ground Hog, Inc., 25010 E. 5th St., San Bernardino, Calif. 92410

Ground Hog earth drills, 3 models (portable-gas powered)

Ground Hog trencher, Model T-3M (for sprinkler systems)

Grumman Aircraft Corp., S. Oyster Bay Rd., Bethpage, L.I., N.Y.

Aircraft, fixed wing

H

HMC, 22131 S. Vermont, Torrance, Calif. 90502
Jobber, utility vehicle—3-wheel
Jobmaster, utility vehicle—3-wheel
Diahatsu, utility vehicle—4-wheel
The Green Machine, weed & brush cutter, nylon blades

Hadfield Sod Roller Co., 6443 Sherwood, Oxford, Mich. 48051

Sod roller

Hahn, Inc., 1625 N. Garvin St., Evansville, Indiana 47717 Flex-A-Matic 140, five-gang reel mower TT-1200 & TT-1201, greens management system, greens mowers, verti-cuts, spikers & tee mowers Hyd. 5/7, 7 gang reel mower Gang mowers, reel type, 3, 5, 7, & 9 gang mowers Aerifiers, pull behind type

W. L. Hamilton Co., Lenter St., Bangor, Mich. Spray guns Pressure relief valves Spray nozzles

Hancor, Inc., P.O. Box 1047, Finlay, Ohio 45840 Turf-Flow, drainage tubing, two-inch Agri-Flow, drainage tubing, 4-inch, 6-inch, 8-inch, 10inch, 12-inch

Clifford B. Hannay & Son, Inc., 422 Maple St., Westerlo, N.Y. 12193

Hannay Reels, reels to handle all kinds of hose and electric cable

Harbor Industries, Inc., P.O. Box 751, Beaver Falls, Pa. 15010 Harbor, soil moisture indicator

Harley-Davidson Motor Co., Inc., 3700 W. Juneau Ave., Milwaukee, Wisc. 53208

Golf cars and turf vehicles

Harvestall Industries, Inc., 3 North Walnut Ave., New Hampton, Iowa 50659

Truckler, combination forklift trailer

Hays Mfg. Div., Zurn Industries, Inc., 12th & Plum Sts., Erie, Pennsylvania 16501

Marfaid, automatic solonoid valves Select-O-Rain, industrial controller Safe-T-Rain, impact and pop-up sprinklers

Hemco Corporation, P.O. Box 210/111 N. Powell Rd., Independence, Missouri 64051