would you use a 7-iron on the green?



Of course not! Your greens are different from tees and fairways. They need special treatment. Even the nitrogen you use should be special.

On greens, you need Powder Blue.

Powder Blue™ is powdered Nitroform® organic nitrogen. It's perfect for greens because you spray it on and wash it in, to give uniform coverage on close-knit turf.

Powder Blue is better than conventional organics because it's so concentrated (38% N). You apply less often . . . save labor costs . . . reduce equipment use, and soil compaction. It's odorless (even more important in the summertime). It isn't picked up by mowers or lawn sweepers.

Powder Blue is practically insoluble in water, so it's nonleaching. It's compatible with most fungicides and pesticides. Powder Blue can help you develop the dense greens and good color that members like. This sprayable organic nitrogen is such a worker we call it the greenskeeper.

POWDER BLUE

The greenskeeper

the rest of the course needs BLUE CHIP

Blue Chip® is granular Nitroform® nitrogen for dry application. It's ideal for fairways and tees because it's easy handling, even spreading.

Blue Chip is the same 38% slow-release organic nitrogen as Powder Blue . . . long-lasting, nonleaching, dustless and odorless. And it's an economical nitrogen buy. Figure the cost per unit of available nitrogen, number of applications, storage and handling costs, ease of use, and you'll see why Blue Chip is your best nitrogen choice. Put it to work on your course.



The coursekeeper



NITROFORM organic nitrogen is the professional turfkeeper.
HERCULES INCORPORATED

TURF AND HORTICULTURAL PRODUCTS, SYNTHETICS DEPARTMENT, WILMINGTON, DELAWARE 19899

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SPRAYERS, BOOM

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F. E. Myers & Bro. Co.
Papec Machine Co.
Root-Lowell Corp.
Walsh Manufacturing Co.
Waymark Waymark

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Red Ewald, Inc.
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Larson Machine, Inc.
Lawn Medic, Inc.
F. E. Myers & Bro. Co.
Root-Lowell Corp. Solo Motors, Inc.

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Century Engineering Corp.
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Stull Chemical Co.
Universal Div. of Leigh Prod., Inc.
The Vandermolen Co.
Walsh Mfg. Co.
Waymark
Wayne Engineering Corp. Wayne Engineering Corp. West Chemical Products, Inc. Winru Chemical & Sales Co.

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The C. B. Dolge Co.
Red Ewald, Inc.
Great Lakes Chemical Div.
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Larson Machine, Inc.
Parco Div., National Foam
Public Health Equip. & Supply Co.
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West Chemical Products, Inc.
Winru Chemical & Sales Co.

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Buffalo Turbine Ag. Equip. Co.
Century Engineering
Champion Sprayer Co.
R. E. Chapin Mfg. Works, Inc.
Contree Sales, Inc.
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Deere & Co.
The C. B. Dolge Co.
Friend Mfg. Co.
Great Lakes Chemical Div.
H. D. Hudson Mfg. Co.
Hydroponic Chemical Co., Inc.
Larson Machine, Inc.
Mars Industries, Inc.
Melnor Industries, Inc. Mars Industries, Inc.
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Parker Sweeper Co.
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Wayne Manufacturing Co.
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Ford Tractor Operations,
North America Gravely Hesston Corporation, Ind. Div. International Harvester Co. Massey-Ferguson, Inc. Simplicity Mfg. Co., Inc. Speedex Tractor Co. Tradewinds, Inc. Wheel Horse Products, Inc. Yardman, The Leisure Group, Inc.

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Deere — Co. Ford Tractor Operations, North America International Harvester Co. Waldon, Inc.

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Allis-Chalmers Deere & Co. International Harvester Co.

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Tree-Ject Company

Tree-Ject Co.

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215 WEST 78TH STREET . MINNEAPOLIS MINNESOTA 55420

FOR LAWN MAINTENANCE

AND GROUND KEEPING THACHING OR POWER RAKING Abbott Laboratories, North Chicago, Ill. 60664 Dipel, bacillus thuringiensis biological insecticide

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Tree pruner, hydraulic driven
Circle saw, hydraulic driven
Pole chain saw, hydraulic driven
Pistol grip chain saw, hydraulic driven
Circle saw, pneumatic driven

Acme Products, 1201 Kalamazoo St., South Haven, Michigan 49090

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J. & L. Adikes, Inc., 182-12 93rd Ave., Jamaica, New York

Gro-Well® Insecticides, herbicides, fungicides (Liq., WP, and Gran.), fertilizers, grass seeds including Adelphi, NK-100 and NK-200

Adventure Line Mfg. Co., 3333 Main St., Parsons, Kansas 67357

Astro hook, crane and ladder combination Power tailgate, 100 lbs. lift for pickups Highworker, folding platform for tree trimming 9-18 ft. Hoist, 750 lb. and 2,000 lb. capacity

Agrico Chemical Company, P.O. Box 3166, Tulsa, Oklahoma 74101

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Agricultural Alumni Seed Improvement Association, Inc., P.O. Box 158, Romney, Ind. 47981

Sodco, Kentucky bluegrass seed

Agtronics Mfg. Co., P.O. Box 1248, Barstow, Calif. 92311 Soil moisture meter

Agway Inc., P.O. Box 1333, Syracuse, N.Y. 13201
Port A Bin, bulk handling of fertilizer at location
Fertilizer
Environmental protection chemicals, herbicides, insec-

ticides, fungicides

Air-Lec Industries, Inc., Outdoor Products Div., 3306 Commercial Ave., Madison, Wis. 53714

Weed Cutter, aquatic, swath cut 3 ½ ft. wide, 3 ½ ft. deep, attaches to any boat, 15 ft. or longer

Air Rake Manufacturing Corporation, 5-7 Springfield St., Chicopee, Massachusetts 01014

"Yard Tiger," blowers, everything machines, vacuums Compactorette, trash compactor

Alcoa Aluminum Company of America, Alcoa Building, Pittsburgh, Pa. 15219 Irrigation pipe

Allis-Chalmers Corp., Outdoor and Leisure Products, Box 512, Milwaukee, Wis. 53201

620 Tractor, 19 ½ hp 400 Series lawn and garden tractors, 10 and 16 hp

Homestreader lawn and garden tractors, 7 and 8 hp Scamp riding mower, 5 and 8 hp Walk-behind mowers, one 19 in, and three 21 in.

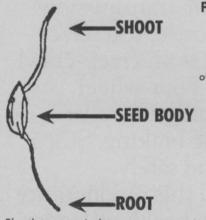
Rotary tiller, 3½, 5 and 8 hp worm gear drive; 5 hp chain drive

Tracker snow thrower, 4 and 8 hp Chain and blade saws, Models 75 and 75A have a 14 in.

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sample of millions of Germinated Plantlets

Lawn Medic's process economically produces plantlets, makes for easy handling, storage and application.

Your gain by using Germinated Seed.

- A. 1,500 2,000% less water when germinating grass seed.
- B. Weather and Seasons no longer critically affects planting time.
- C. Quick cover on slopes, hard to establish areas.
- D. Greater use of superior varieties, (normally taking longer to establish and gain full coverage.)
- E. No excess seeding rates, all grasses come up as specified by GERM TESTS.

Plantlets come in bags to cover a given area. Specialized mixes or straight varieties are pre-germinated.

SELECTED VARIETIES, TIME FOR EMERGENCE* through soil surface after planting.

Bermudagrass — 3 days Merion Blue — 8 days Newport Ken. — 5 days Prato, Baron -5 days Bentgrasses -3 days

Ken. 31, Rye – 4 days

* Certain variety mixes will emerge in 1 - 2 days.
PRE-GERMINATED GRASS PLANTLETS U.S. Patent Pending.

For more details, prices, write **Donald W. Burton**, **Pres.**, **Lawn Medic Inc.** 1024 Sibley Tower, Rochester, New York 14604 (716-494-1462

LAWN MEDIC PRODUCTS & SERVICES: SOIL NUTRIENT FORTIFIER Fertilizers, Commercial Seed & Pesticides, YARD-CREW mowing and pickup service, PUTTER'S GREEN Homeowner lawn service, PRE-GERM SEEDING.

You can't do this with any other compact backhoe-loader.

Go from loading to digging in the time it takes to change seats.

Because this backhoe mounts on the back.

Sure, other compact loaders have backhoe attachments. But you have to disconnect the backhoe if you want to use the loader again.

With our compact, you can have your trench and

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Dig...down to eight feet. Lift capacity: 1000 lbs. with the boom fully extended. A 15.5 GPM hydraulic pump delivers a pryout force of over 10,000 lbs.

Load... 1500 lbs. of material, and dump it with

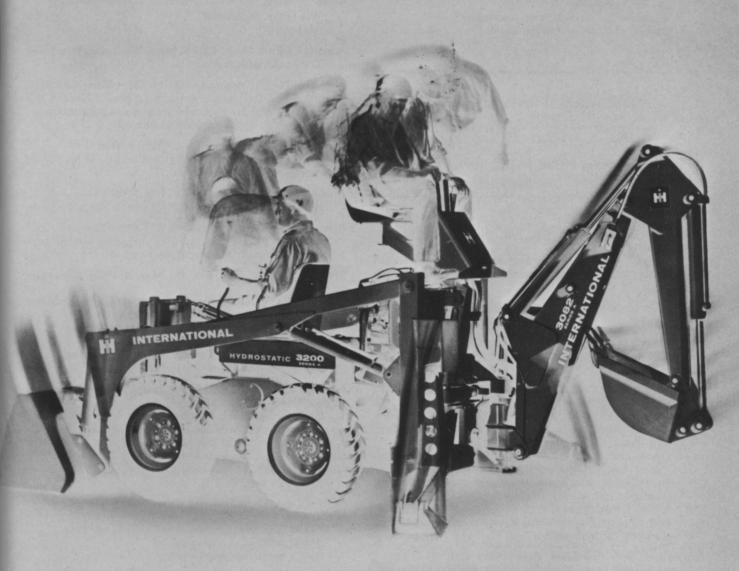
a 7½-ft. clearance. An automatic power amplifier puts extra muscle into the loading action.

Travel... with sure-footed confidence. Powered by a husky 30-bhp engine. Hydrostatic transmission—at full throttle, you select any speed from creep-crawl to 8 mph. Four-wheel drive. Oscillating axles. Automatic braking. Stops quickly and safely.

And all this productivity comes in a backhoe-loader package that's only 6'6" high by 4'10" wide.

We keep getting better at our business to get more of your business.

And keep it.



The 3200A compact backhoe-loader.

Industrial Equipment International Harvester, Chicago, III. 60611 bar; Models 85, 95, 195 and 295 have a 17 in. bar

Amchem Products, Inc., Ambler, Pa.

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American Arborist Supplies, Concord Industrial Park, Concordville, Pa. 19331

Arborist supplies

American Bioculture Inc., Bio-Turf Division, P.O. Box 424, Glen Head, L.I., New York 11545

Bio-Turf, soil conditioner, bio-chemical 100% organic flocculating agent

American Cyanamid Co., Agricultural Div., P.O. Box 400, Princeton, N.J.

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Curlex™ Blanket, permanent vegetative cover, seeded areas, retains moisture, maintain temperature, provide shade

American-Lincoln Corp., 518 S. St. Clair, Toledo, Ohio Welders

American Oil Co., 910 S. Michigan Ave., Chicago, Ill. 60680 2,4-D, herbicide, postemergence Dormant oil

American Optical Corporation, Safety Products Division, 14 Mechanic St., Southbridge, Mass. 01550

Sure-Guard®, Red Devil®, Agri-Spray™, Agri-Dust™, Paint-N-Dust™, respirators for protection against dust, mist, funes, vapors, gases, chemical

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American Sod Producers Assn., Box 231, College of Agriculture and Environmental Sciences, Rutgers University, New Brunswick, N.J. 08903

The Ansul Company, 1 Stanton St., Marinette, Wis. 54143 Ansar, herbicide, contact

Broadside, herbicide, contact Phytar 560, herbicide, contact Retard maleic hydrazide, growth retardant Hypo-hatchet injector

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Cutrine®, algaecide for potable water reservoirs; farm, fish and fire ponds; lakes; fish hatcheries Cutrine® Granular, algaecide for specific control of chara

in potable water reservoirs; farm, fish and fire ponds; lakes; fish hatcheries

Swimtrine®, algaecide for swimming pools

Aqua-Dial, P.O. Box 1325, Newport Beach, Calif. 92663 Turf sprinklers Automatic controllers Automatic valves

Aquamarine Corporation, Box 616, Waukesha, Wisc. 53186 Aqua Trio, weed harvesting system Sawfish, weed cutter and aquatic front loader Hy Baller, hyacinth thrower Hyacinth control station, hyacinth harvester

Aquanautics, Inc., 1246 Birchwood Dr., Sunnyvale, Calif. 94086

Weed rake, underwater Air boat

Aquatic Controls Corp., 1203 E. Main, Waukesha, Wis. 53186 Weed rake, underwater

Aquatrols Corp. of America, P.O. Box 385, Delair, N.J. 08110 Aqua-Gro (technical), granular, Aqua-T, blended soil wetting agent for improved wetting and penetration Stoma-Seal, anti-transpirant, reduce wilt

Arctic Mizer Manufacturers, Inc., Cudahy, Wis. Vacuum-thatcher, pull-type, propelled by 3½ hp, 4 cycle engine, adjustable height

Ariens Co., 655 W. Ryan, Brillion, Wis. 54901 Rotary mower, riding type, 26-38 inches, 5 hp to 8 hp

Armor Metal Products, P.O. Box 822, Helena, Montana 59601 Anderson Rock Picker, specialty equipment used for rock removal in seed bed preparation

Arps Corporation, P.O. Box 95, New Holstein, Wisconsin 53061

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Arps blades and rakes, tractor landscape blades and rakes Trench devil, self-propelled trenchers, 6-24 hp

Asplundh Chipper Co., Division of Asplundh Tree Expert Co., 50 East Hamilton St., Chalfont, Pa.

Chipper, high speed, tapered blade Forestry truck, Models L-40, 42, 45, 50; dump body, 12inch chipper, aerial bucket Sprout Gard, tree dressing inhibitor Weed and grass killer, herbicide, bareground Brush hooks

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2460A Stump Cutter...Big **Machine with Big Reach**

Removes large stumps in minutes ... without repositioning

Vermeer's big 65 hp 2460A Stump Cutter means fast, easy, safe stump removal . . . it means you save thousands of dollars annually. Its high-speed cutting wheel moves in, out, across to chew out big stumps in minutes . . . without repositioning the tow vehicle. And "The Diggin' Dutchman's" new swing tongue hydraulically telescopes and swings, left and right, to finish off largest stumps in hard to reach spots. Let us sink our teeth into your stump problems. Write "The Diggin' Dutchman" for information and complete literature.



Another Stump Cutter From . .

THE DIGGIN

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Bags, bucket shaped, PVC coated polyester fabric

Baker Equipment Leasing Corp., Box 25609, Richmond, Va.,

Aerial towers, mobile equipment Derricks, mobile equipment

Bartlett Mfg. Co., 3024 East Grand Blvd., Detroit, Michigan

Saws, tree, combination pruner and saw

Saw, pruning, hand Saw sheaths

Tree Bracing materials

Bartlett tree paint

Bar-Way Mfg. Co., P.O. Box 640, Stamford, Conn. 06904 Spray guns, long range, worm-gear control on end of barrel end

BASF Wyandotte Corporation, 1609 Biddle Ave., Wyandotte, Michigan 48192

Turface, soil amendment

John Bean, Division of FMC Corporation, 1305 S. Cedar St., Lansing, Michigan

Sprayers, hydraulic, all purpose, pull type, stainless steel

Mistblowers, truck mounted

Mistblowers, nozzle parts

Flamethrowers, (sprayers)

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

Lawn-O-Matic, turf grass planter Sod-O-Matic, sod harverster and laying system Sod Cutter, cuts 3 strips at the same time

Beeco Products Co., Fort Washington, Pa. Beeco-Mist, spray sleeve, model 275 spray head

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

Bemis Company, Inc., 800 North Star Center, Box 215, Minneapolis, Minnesota 55402

Bags, tree balling

Bags and liners, plastic construction

Erosion control materials Bags, litter Bags, grass catcher Twine, tying and wrapping

Bermuda King Co., Rt. 1, Box 33, Okarche, Okla. 73762 Bermuda grasses, sprig planters Bermuda grasses, sprig harvesters

Beseler Equipment Co., 5417 Oaklawn Ave. S., Minneapolis, Minnesota 55424

Tree slings

Mistblowers, truck mounted

Tree movers

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

Big "J" Products, Route 1, Hanna, Indiana 46340 Sod harvestor, dual palleted

Billy Goat Industries, Inc., P.O. Box 229, Grandview, Mo. 64030

Vacuums, indoor or outdoor, 31/2 hp to 8 hp; selfpropelled and push models; gasoline, propane, electric or battery driven

The Black & Decker Mfg. Co., 701 E. Joppa Rd., Towson, Md. 21204

Drills

Saws, circular, table, radial arm, handheld Trimmers, hedge, grass

John Blue Co., P.O. Box 1607, Huntsville, Alabama 35807 Spreaders, fertilizers (liquid, dry, bulk) Tanks, spray and fertilizer Sprayers, mounted and pull type, rights-of-way

BMB Co., Inc., North Vermont at 9th, Holton, Kansas 66436 BMB Suburban 48, mower, rotary, 48" trail type with 8 hp engine, offset left or right 24", wheels side or rear mounted

The R. H. Bogle Company, Oronoco & Lee Streets, Alexandria, Virginia 22313

Bo-Rid, herbicide (bareground) Aceto Diuron, herbicide (bareground) Aceto Dalapon, herbicide (bareground) Bromacil herbicides, herbicide (bareground)

Karmex® (Diuron), herbicide (bareground) Krovar®, herbicide (bareground) Hyvar® X (Bromacil), herbicide (bareground) Princep® (Simazine(, herbicide (bareground) Pramitol® (Prometone), herbicide (bareground) Atratol® 8P, 80W, herbicide (bareground) 2.4-D. 2.4.5-T. herbicide (bareground) Ammate®, herbicide (bareground)

Bolens, Division of FMC Corporation, 215 S. Park St., Port Washington, Wisconsin 53074

Bolens Husky, tractor, 18 hp, hitches for 35 separate attachments, hydro static transmission, collar-locking PTO system, two cylinder engine

Bowie Industries, Inc., P.O. Box 931, Bowie, Texas 76230 Hydro-Mulcher, used in sprigging, seeding, mulching, fertilizing, insect control and weed control

Bridgeport Implement Works, Inc., 60 Rachel Drive, Stratford, Conn. 06497

Pixtone, mechanical stonepicker, trailer unit for use with tractor to remove surface stone before seeding

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

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

Experimental Irrigation tubing, ooze system, porous plastic

Brillion Iron Works, Inc., 200 Park Ave., Brillion, Wis. 54110 Turf-Maker, grass seeder, crushes, seeds and rolls in one

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Bunton Co., 4303 Poplar Level Rd., Louisville, Ky. 40213 Lawn-Turf Equipment, mowers, rotary

E. F Burlingham & Sons, P.O. Box 217, Forest Grove, Oregon 97116

Bonnieblue™, bluegrass seed

C. & I. Manufacturing, Inc., Warsaw, Indiana De-Ender, tool to remove heads of barrels and drums

Samuel Cabot, Inc., One Union St., Boston, Mass. 02108 Tree healing paint, heals tree wounds, stops rot, prevents sap evaporation

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

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Contour Flail, flail mower Shark 90', flail mower

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Cal-Turf, Inc., 5417 Santa Clara Ave., Camarillo, Calif. 93010 Cal-Turf, sod and stolons

CareTree Systems, Box 347, 7030 Huntley Rd., Worthington, Ohio 43085

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

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

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R. E. Chapin Mfg. Works, Inc., 29 Liberty St., Batavia, N.Y. 14020

Sprayer, compressed air, slide, or wheel mounted Duster, plunger or rotary

Charles Machine Works, Inc., P.O. Box 66, Perry, Oklahoma 73077

Ditch Witch, trencher

Ditch Witch, vibratory plows

Ditch Witch, backhoe (trencher mounted)

Roto Witch, boring unit (hydraulic)

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Chemagro Division of Baychem Corp., P.O. Box 4913, Hawthorn Rd., Kansas City, Missouri 64120

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