

*Tough mowers...
from rough cut
to smooth finish.*

The CM Series

Extra Heavy Duty
Hydrostatic Rotary Mowers for
Commercial/Municipal Users



CM 20-60/72

Superior performance in both rough cut and refined mowing at speeds to 11 miles per hour. The "CM" gives the commercial user a tough, low maintenance machine that mows better at top speed than other mowers at half the speed. And does it with the added safety of rear discharge.

Kut-Kwick. More than forty years of experience building professional mowers for professional users.

kut-kwick

P.O. Box 984
Brunswick, Georgia 31521
Telephone 912-265-1630

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Toll-free 1-800-248-5945
In GA. 1-800-592-5945

Circle No. 233 on Reader Inquiry Card

Rigo Co
Rigo
UAP Special Products
E-Z Mix, Flozine

Defoamer

Applied Biochemists Inc
(Silicon-based) Foamtrine
Asplundh Tree Expert Co
(Silicon-based) Defoamer
W A Cleary Chemical Corp
(Silicon-based) Defoamer
Great Lakes Biochemical Co
(Silicone Emulsion) Foam Out
Hopkins Agricultural Chemical Co
Kalo Agricultural Chemicals
Lesco Inc
(Silicone) Lesco Defoamer
Montco Products Corp
(Silicone) Zap!
Nalco Chemical Co
Nalco 2151
Regal Chemical Co
(10% Silicone defoamer) Foam-X
Rigo Co
Rigo D-Fome
UAP Special Products
Fighter F

Drift Retardent

Asplundh Tree Expert Co
(Acrylic derivative) clean way, Drifgon
W A Cleary Chemical Corp
Drift Proof
Chevron Chemical Co
Orthothrol
Nepera Inc
(Polyacrylates) Viterra 800
Stull Chemical Co
(Encapsulating & Suspending Agent)
Bivert
UAP Special Products
Chem Trol

Fertilizer, Tree

Adco Works
Eeey Grow
Bonide Chemical Co
Bonide
C-I-L Inc
Sulfur Coated Urea
W A Cleary Chemical Corp
(Ureaformaldehyde) Fluf, Trugreen
Micronutrient, Extra Iron Nutrient
Creative Sales Inc
(Fe, Mn, Zn, MD—12-4-4 comp. fert.)
Medicap
Cumberland International Corp
(Zinc) Liquid Zinc Chelate
Ross Daniels Inc
(Salts) Ross
Davey Tree Expert Co
Davey-Arbor-Green
Doggett Corp
(NPK water soluble) XL Injecto Feed 32-7-7; (NPK water soluble poliar spray) XL Spray Fol 30-10-10; (NPK soluble, slow release, acid) XL Evergreen Special 30-7-10; (13% Chelated Iron EDTA) Ferro-late XL-Iron Chelate
Drexel Chemical Co
(Zinc, Manganese, Copper, Sulphur)
Gen-Che

Estech Inc
(IBDU and Meister) Woodace Topdress Special; (IBDU) Woodace Briquettes
Faesy & Besthoff Inc
F&B Evergreen Food, F&B Winterized for Trees & Shrubs
Hawkeye Chemical Co
Formolene, Slo-Release, Form-u-sol
Great Salt Lake Minerals & Chemicals Corp
GSL Sulfate of Potash
Lebanon Chemical Corp
Green Gold, Lebanon Pro Tree
Leffingwell Chemical Co
(Chelated Iron) Nutra Phos, Sorba Spray, Vitatone
Lesco Inc
(Lesco Tree Stakes Fertilizer) Lesco Nursery Fertilizers; (Hi Trace) Lesco Iron + N
J J Mauget Co
Stemix, Iron Zinc Stemix, Zinc Stemix
MCI Agsystems
(Triamino-Triazine & Urea) MCI 55 SG; (Triamino-Triazine) Nitrazine 40 LS
Minntralia Mfg Inc
(Fish, Urea Nitrogen, Phosphoric Acid, Potassium Hydroxide, Norwegian Seaweed) Sunrane 8-8-8 Fish & Seaweed Fertilizer
Moyer & Son Inc
(Water Soluble Fertilizer) Verdi-Sol, Four Seasons
National Chemsearch
(Indol 3-Butyric acid) Promonite; (liquid fertilizer-15-10-5) Turf-King; (liquid fertilizer-12-4-12) Turf Sea Search; (15-0-0 Liquid Nitrogen fertilizer with Iron) Green-O-Gen; (timed-released fertilizer-20-10-5) SRF-27
Nor-Am Chemical Co
(Ureaform) NitroForm-Slow Release Nitrogen
Plant Marvel Laboratories Inc
(Nutriculture Formula) Tree & Shrub Special; Ornamental Special; Mag-Iron, Sol-Trace; 13% Iron Chelate, Mor-Green
Sierra Chemical Co
(20-10-5 + Calcium Sulp) Agriform
USS Agri-Chemicals
USS Vertagreen, USS Soilife

Fertilizer, Turf

J & L Adikes Inc
(Urea Form, Sulphur Coated Urea) Gro-Well
American Pelletizing Corp
(Lime, Gypsum) Reveille Pelletized; (Lime) Vita Power Pelletized
The Andersons
(N, P, K) Tee Time
Center Plains Industries Inc
Ultra Turf-Homogeneous, Zipp
C-I-L Inc
Sulfur Coated Urea
W A Cleary Chemical Corp
(Ureaformaldehyde) Fluf, Trugreen micronutrient, Extra Iron Nutrient
Cumberland International Corp
(Zinc) Liquid Zinc Chelate
Doggett Corp
(NPK water soluble) XL Turf Special 28-7-14; (NPK soluble, slow release, spray) XL UF Turf Special 34-4-7; (13% Chelated Iron EDTA) Ferro-late XL-Iron

Chelate
Estech Inc
(IBDU) Par ex Professional Products
Faesy & Besthoff Inc
F&B Winterized lawn Fertilizer, F & B Professional Organic Plant Food (7-2-0)
Garfield Williamson Co
Lebanon-Swift
Great Salt Lake Minerals & Chemicals Corp
GSL Sulfate of Potash
Jonathan Green & Sons
Spring Green-Up 20-4-4
Hawkeye Chemical Co
Formolene, Slo-Release, Form-u-sol
Lebanon Chemical Corp
Country Club, Greenskeeper, Green Gold, Turfmaster, Country Squire, Lebanon
Leffingwell Chemical Co
(Chelated Iron) Nutra Phos, Sorba Spray, Vitatone
Lesco Inc
Lesco Sulphur Coated Urea
MCI Agsystems
(Triamino-Triazine/Urea) MCI 55 SG; (Triamino-Triazine) Nitrazine 40 LS
Milwaukee Metropolitan Sewerage District
(Natural Organic Fertilizer Milorganite
Minntralia Mfg Inc
(Fish, Urea Nitrogen, Phosphoric Acid, Potassium Hydroxide, Norwegian Seaweed) Sunrane 8-8-8 Fish & Seaweed Fertilizer
Moyer & Son Inc
(Slow Release Fertilizer) Super Blend 20-9-9
National Chemsearch
(12-4-4 liquid fertilizer with Sulfur and Iron) Green Badge; (15-0-0) liquid Nitrogen fertilizer with Iron) Green-O-Gen; (liquid High Nitrogen fertilizer) Nutrate; (time-released fertilizer-20-10-5) SRF-27; (liquid fertilizer-12-4-12) Turf King; (liquid fertilizer-12-4-12) Turf Search
Nor-Am Chemical Co
(Ureaform) Nitroform-Blue Chip and Powder Blue
PBI-Gordon Corp
(15% N-area-Iron & Sulphur) Ferrimec Liquid Iron
Plant Marvel Laboratories Inc
Nutriculture Formula Bent Special; Bermuda Special; Lawn Marvel; Mag-Iron, Sol-Trace, 13% Iron Chelate, Mor-Green
Rhône-Poulenc Inc Agrochemical Div
(Sulfur, Copper, Iron Manganese, Zinc) Chipco Microgreen Liquid
Rockland Chemical Co
(IBDU, Nitroform) Rockland Twin Win; (Milorganite + N P K) Mil-An-Chem
O M Scott & Sons Co
Sierra Chemical Co
(Resin-coated Long Lasting Turf Mixes) Agriform
Sta-Green Plant Food Co
Sta-Green
Stanford Seed Co
(26-4-8, 8-20-10) Old English
Sudbury Laboratory Inc
(Natural Chelating + Trace Elements)
Sudbury Sea Power Liquefied Sea Weed
USS Agri-Chemicals
USS Vertagreen, USS Soilife

continued

Vaughan's Seed Co
Warren's Turf Nursery Inc
(SCU IBDU) Warren's Turf Professionals

Fungicide, Tree

J & L Adikes Inc
(Benomyl, Zineb, Ferbam) Gro-Well
American Pelletizing Corp
(Gypsum) Vita Power Pelletized
Bonide Chemical Co
(Captan) Bonide Captan; (Benlate)
Bonide Benomyl; (Copper) Bonide
Liquid Copper; (Sulphur) Bonide
Sulphur; (Maneb) Bonide Liquid Maneb;
(Phaltan) Bonide Folpet; (Captan, Sevin,
Methoxychlor, Malathion Spreader)
Bonide Fruit Tree Spray Liquid
Ciba-Geigy Corp
(Metalaxyl) Subdue
W A Cleary Corp
(Thiophanate ethyl) Cleary 3336
Cumberland International Corp
(Maneb) Maneb ZL4
Elanco
Rubigan 50W
Lesco Inc
(Mancozeb) Lesco 4; (PCNB) Lesco
PCNB 1090
Mallinckrodt Inc
(Zn, Mn, Thiophanate Methyl) Zyban
J J Mauget Co
(DEBC + 2-MBC) Fungisol; (PlantVax
Oxycarboxin) Fungisol PV;
Mobay Chemical Corp
(Triadimefon) Bayleton 25

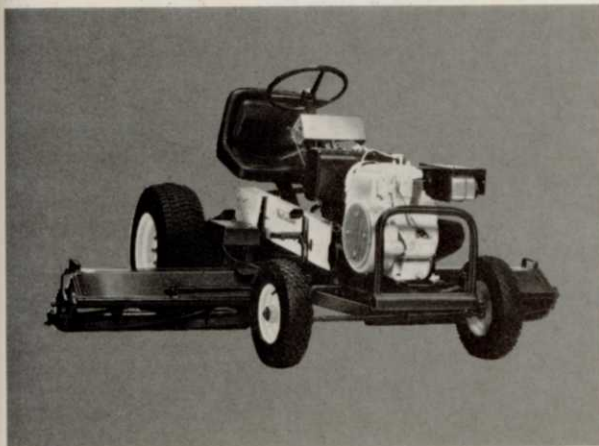
Merck & Co
(Thiabendazole) ARBOTECH
PBI-Gordon Corp
(Copper, 25 Metallic, 12.7%) True
Bordeaux Mixture; (Fore) Formel 80
Rockland Chemical Co
Rockland
Rohm & Haas Co
Dithane, Karathane
SDS Biotech
(Chlorothalonil) Daconil 2787
Source Technology Biologicals Inc
(Copper Sulphate Pentahydrate) Phyton
27

Fungicide, Turf

J & L Adikes Inc
(Dyrene, Cadmium Chloride) Gro-Well
The Andersons
(Daconil) Tee Time
Bonide Chemical Co
(Benomyl) Bonide Lawn Fungicide;
(Maneb) Bonide Liquid Maneb; (Daconil)
Bonide Chlorothalonil; (zineb, Cadmium
Chloride Thiram) Bonide Lawn
Fungicide; (Thiram) Bonide Lawn
Fungicide; (Dyrene) Bonide Dyrene
Ciba-Geigy Corp
(Metalaxyl) Subdue
W A Cleary Chemical Corp
(Thiram) Spotrete; (Phenylmercuric
acetate) PMAS; (Thiophanate ethyl)
Cleary 3336; (Cadmium Chloride) Caddy
Cumberland International Corp

(Maneb) Maneb ZL4
E I du Pont de Nemours & Co
Tersan LSR, Tersan 1991, Tersan SP
Elanco Products Co
(Fenarimol) Rubigan
Faesy & Besthoff Inc
F & B Betasan-Granular & Liquid, F & B
Lawn Fungicide, F & B Lawn & Turf
Fungicide
Garfield Williamson Co
Major Brands
Kincaid Enterprises Inc
(Chloroneb Fungicide) Terraneb SP
Lebanon Chemical Corp
Greenskeeper, Country Club, Green
Gold
Lesco Inc
Lesco 4, Lesco 4 Flowable; Lesco
Thiram; Lesco PCNB; Lesco Snow Mold
Fungicide
Mallinckrodt Inc
(Mercuric Chloride, Mercurous Chloride)
Calo-Clor, Calo-Gran; (Cadmium
Succinate) Cadminate; (ZN, Mn EBCD,
Thiophanate Methyl) Duosan;
(Thiophanate Methyl) Fungo 50;
(Cadmium Sebecate, Potassium,
Chromate, Thiram) Kromad; (Ethazol)
Koban 30, Koban 1.3G; (Thiram)
Thiramad
Mobay Chemical Corp
Bayleton 25; (Anilazine) Dyrene 50
Nor-Am Chemical Co
(Cycloheximide) Acti-Dione TGF,
Thiram, RZ; (Propamocarb) Banol

For more uptime you need a National!



MODEL 84



MODEL 68

■ Ask any professional, National's known for providing maximum efficiency with minimum maintenance...and a lot more!

■ New Steering Assembly (Model 84) for easier steering and longer service life.

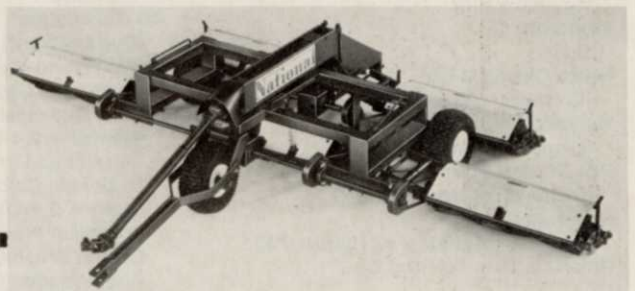
■ B&S, I/C Heavy Duty Engine (Model 68) for increased performance and less maintenance.

■ Less Down Time. Standard off-the-shelf items like belts and bearings, available from any local supplier.

■ Greater Fuel Economy. 44% to 62% less fuel consumption than power robbing, hydrostatic type rotary mowers.

■ Lower Initial Cost than that of mowers sold to do the same job.

MODEL PQ II



NATIONAL MOWER COMPANY

660 Raymond Avenue, St. Paul, MN 55114
612/646-4079

Circle No. 140 on Reader Inquiry Card

continued

PBI Gordon Corp
(Chloroneb) Teremec SP
Rhône-Poulenc Inc Agrochemical Div
(Iprodione) Chipco 26019 Fungicide;
(Aluminum Tris) Aliette Fungicide
Rockland Chemical Co
Rockland
Rohm & Haas Co
Fore
O M Scott & Sons Co
SDS Biotech Corp
(Chlorothalonil) Daconil 2787

Growth Regulator

Aquashade Inc
(Dye Colorant) Aquashade
J & L Adikes
Embark
Cal-Fiber Co
(Cellulose) Mulch
Drexel Chemical Co
(Maleic Hydrazide) Retard
Elanco
Cutless
Maag Inc
Atrinal
3M/Agricultural Products
(Mefluidide) Embark
Merck & Co
(Gibberellic Acid) GIBREL
Monsanto Co
Limit
National Chemsearch
(Mefluidide) Gro-Tard II
Pennwalt Corp
Perlur Inc
(Liquid Growth Retardant) Perlur
UAP Special Products
Respond

Herbicides, Aquatic

Applied Biochemists Inc
(Diquat) Weedtrine-D; (2,4-D ester)
Weedtrine II
Aquashade Inc
(Dye Colorant) Aquashade
Chevron Chemical Co
Ortho Diquat Herbicide H/A
Ciba-Geigy Corp
(Simazine) Aquazine
Clean-Flo Laboratories Inc
(Buffered Alum) Clean-Flo Lake
Cleanser
Elanco
Aquatic Sonar
Monsanto Co
Rodeo
Nalco Chemical Co
(Bromacil/Diuron) Nalco 2413
National Chemsearch
(Diquat) Watrol
PBI Gordon Corp
(Dichlobenil) Norosac 10-G
Pennwalt Corp
(Endothol) Aquathol K, Hyrothol 191
Union Carbide Ag Prod Co

Herbicides, Nonselective

J & L Adikes Inc
Primitol + 2,4-D) Gro-Well
American Cyanamid
(Imidazoline) Arsenal

The Andersons
Tee Time
Asplundh Tree Expert Co
(Bromacil) Clearway
Bonide Chemical Co
(Cacodylic Acid) Bonide Grass-N-Weed
Killer; (Ammate) Bonide Grass-N-Weed;
(Amirate) Bonide Amirate Liquid;
(Sodium Arsenite) Bonide Sodium
Arsenite
Chevron Chemical Co
Ortho Paraquat Plus
Ciba-Geigy Corp
(Promotone) Primitol
Cumberland International Corp
(Cacodylic Acid) Bolate, Bophy
Elanco Products Co
Spike
Garfield Williamson
Major Brands
Hopkins Agricultural Chemical Co
Revenge, Rout & Dozer, Urox
Lesco Inc
(Sodium Metaborate Tetra-Hydrate,
Sodium Chlorate, Bromacil) Lescobor
Monsanto Co
Roundup
National Chemsearch
(Sodium Chlorate, Sodium Metaborate
Anhydrous) Cantex; (Bromacil,
Pentachlorophenol) Fenocil; (3 (p-
chlorophenyl)-1, 1-Dimethylurea
Trichloroacetate, 2,4-
Dichlorophenoxyacetic acid) NS-610
Occidental Chemical Co
Monobor Chlorate, Ureabor
PBI Gordon Corp
(Dichlobenil) Dyclomec, Nordsac 10-G,
Barrier 50-W; (Prometon 2,4-D,
Aromatic Petroleum distillates Vegemec
Rigo Co
(Amino Triazole) Rigo Amitrol T
Rockland Chemical Co
Rockland
Shell Chemical Co
(Atrazine) Shell Atrazine 80W
UAP Special Products
(Prometon) Clean Corp Primitol

**Herbicides, Postemergence
Selective**

J & L Adikes Inc
(Trimec, AMA + 2,4-D, DSMA + 2,4-D)
Gro-Well
The Andersons
Tee Time
Aquashade Inc
(Dye Colorant) Aquashade
BASF Wyandotte Corp
(Bentazon) Basagran
Bonide Chemical Co
(Banvel + 2,4-D) Bonide Lawn Weed
Killer-Liquid or granular; (Banvel + 2,4-
D) Bonide Chickweed & Clover Killer;
(AMA + 2,4-D) Bonide Crabgrass &
Broadleaf Weed Killer; (Benvel D)
Bonide BrushKil (Trimec) Bonide RTU
Spot Weeder; (2,4-D) Dandelion Killer
Ciba-Geigy Corp
(Atrazine) AAtrex; (Simazine) Princep
W A Cleary Chemical Corp
(2,4-D + dichlorprop) Weedone DPC
(DSMA) Methar-30; (Mecoprop) MCPP
Dow Chemical USA
(Triclopyr + 2,4-D) Turflon D

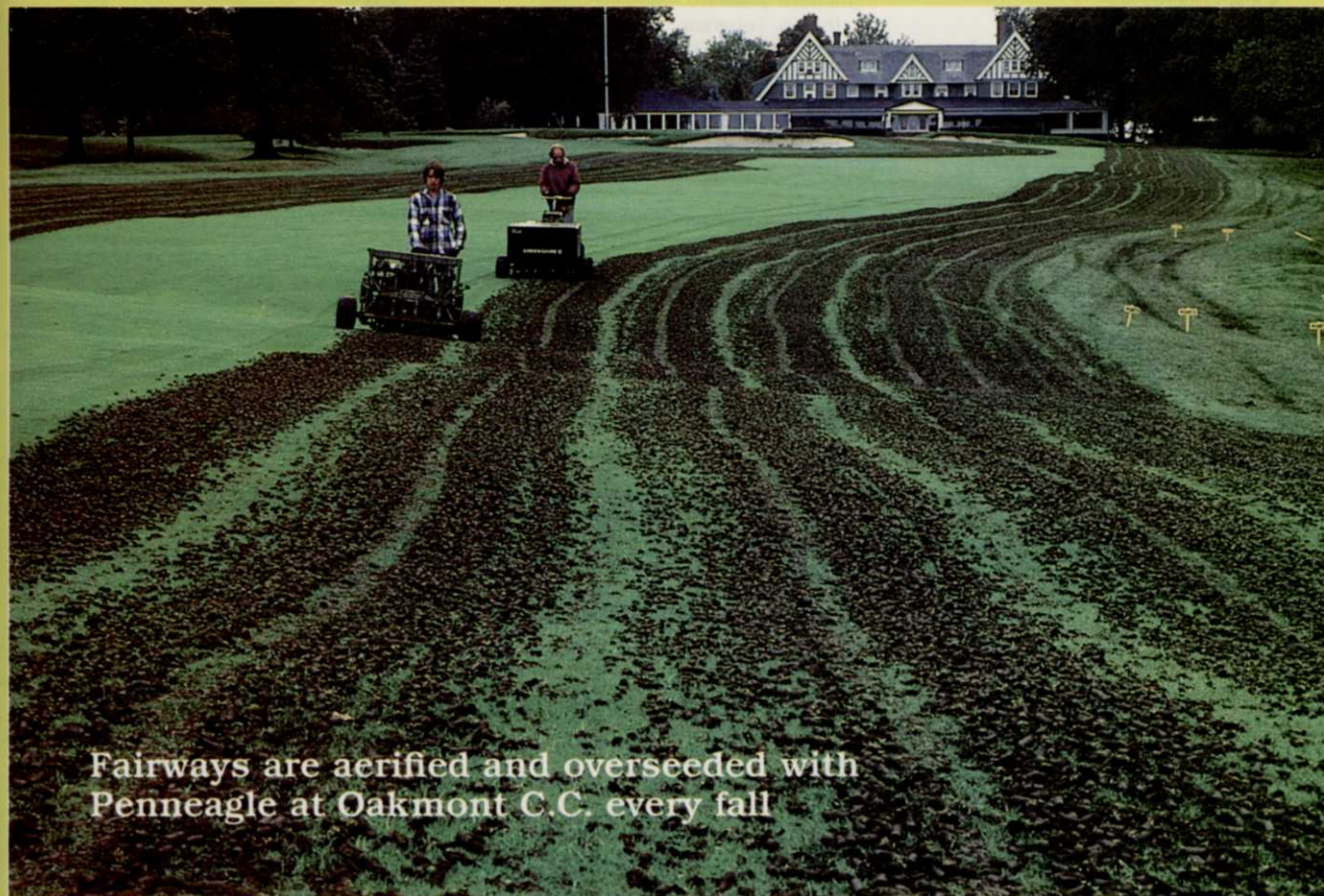
Drexel Chemical Co
(MSMA) Ansar 529; (DSMA) DSMA
Slurry MSMA 6.6, MSMA 4 Plus;
(Atrazine) Drexel Atrazine 4L & 5L;
(DSMA) Drexel DSMA Liquid & Slurry;
(Cacodylic Acid) Drexel KACK;
(Cacodylic Acid + MSMA) Drexel KACK
& MSMA; (Simazine) Drexel Simazine 4L
Garfield Williamson
Major Brands
ICI
Fusilade
Kalo Agricultural Chemicals
(2,4-D) Demise
Lesco Inc
Lesco Three Way, Lesco A-4D, Lesco
Dicamb, Lesco 8:1, Lesco Weedone,
Lesco Granular Herbicide, Lesco
Brominal, Lesco 6.6 (Propionamide)
Lesco Devrinol 5G; (2,4-D, MCPP)
Lescopar; (2,4-D, 2,4-DP) Lesco
Weedone DPC
Mallinckrodt Inc
(Dicamba, 2,4-D, MCRP) Trexsan
Mobay Chemical Corp
(Metribuzin) Sencor 75 Turf
National Chemsearch
(DAMA) CGK-79; (MCP) Chem-Weed;
(2,4-D, MCP) Apollo 445
Nor-Am Chemical Co
(Ethofumesate) Progress
PBI Gordon Corp
(Phenoxy Compounds) Trimec; (2,4-D)
Dymec; (MCP) Mecomel, Super Trimec
Rhône-Poulenc Inc Agrochemical Div
(Asulam) Asulox Herbicide; (Bromoxynil)
Chipco Butril Herbicide; (2,4-D Amine,
MCCP Amine) Chipco Turf Kleen
Herbicide
Rigo Co
2,4-D plus Dicamba) Super D Weedone
Rockland Chemical Co
Rockland
Rohm & Haas Co
Kerb, Goal
O M Scott & Sons Co Proturf
SDS Biotech
(MCP Amine & 2,4-D Amine) 2 Plus
2—MCP+2,4-D; (MSMA) Daconate 6;
(2,4-D Amine) Dacamine 4-D
Sta-Green Plant Food Co
Sta-Green
Stanford Seed Co
(MCP 2,4-D) Old English
UAP Special Products
(2,4-D, MCP dicamba) Mec Amine-D,
Four Power Plus; (2,4-D / 2,4-DP) DPD
Ester
Velsicol Chemical Corp
(Dicamba) Banvel 4S, Banvel +24-D

Herbicides, Preemergence

J & L Adikes Inc
(Balan, Tupersan, Dacthal) Gro-Well
The Andersons
Tee Time
Aquashade Inc
(Dye Colorant) Aquashade
Bonide Chemical Co
(Dacthal 5G) Garden Turf & Ornamental
Herbicide; (Dacthal 75W) Bonide Turf &
Ornamental Herbicide; (Tupersan 2.75
and 7.65) Bonide Crabgrass Preventer;
(Eptam) Bonide Weed Seedling Killer

Penneagle's still pushing out Poa at Oakmont C.C.

Less than 20% Poa annua remains on fairways with this innovative program.



Fairways are aerified and overseeded with Penneagle at Oakmont C.C. every fall

Oakmont CC, Pennsylvania, host of six U.S. Open Championships,* has renovated its entire course with Penneagle Creeping Bentgrass.

We have been overseeding every fall since 1977 with Penneagle. This superior creeping bentgrass has persistently crowded out Poa annua on tees, fairways and greens. By triplex mowing and collecting the clippings, our fairways are now more than 80% Penneagle. This entire process is performed while the course

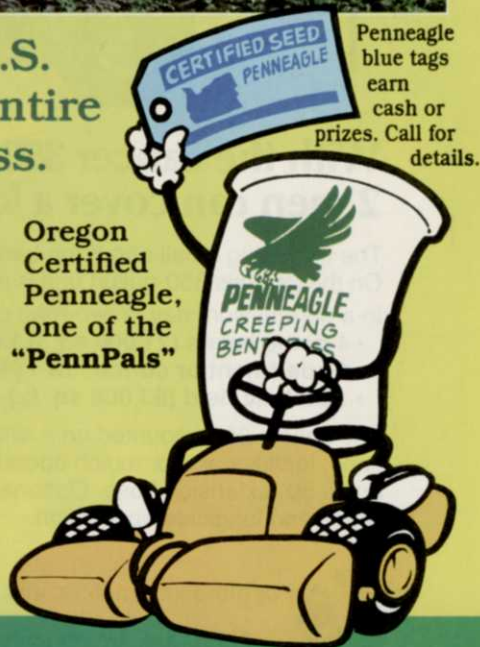
is in play. With the reputation of six U.S. Opens behind us, I wouldn't even consider anything less than Penneagle."

Paul Latshaw

Paul Latshaw
Supt. Oakmont Country Club

*1927, '35, '53, '62, '73, '83.

Oregon Certified Penneagle, one of the "PennPals"



Penneagle blue tags earn cash or prizes. Call for details.

Circle No. 180 on Reader Inquiry Card

Marketed by **TEE-2-GREEN Corp.**, PO Box 250 Hubbard, OR 97032 1-800-547-0255 TWX 510-590-0957

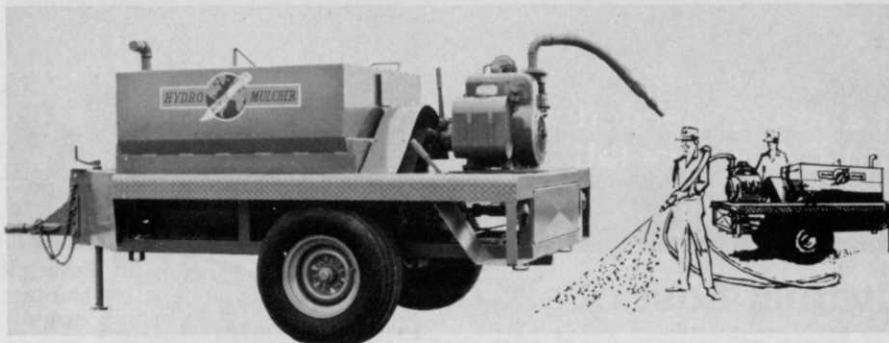
Ciba-Geigy Corp
(Simazine) Princep
Drexel Chemical Co
(Atrazine) Atrazine 5L; (Dinitro) Dynamite 3
Elanco Products Co
Balan, Benefin, Team, XL, Treflan, Surfian
Faesy & Besthoff Inc
F & B Eptam 2.3
Garfield Williamson Co
Major Brands
Lesco Inc
(Bensulide, Benefin) Lescosan 4E, Lesco Devrinol 5G, Lesco Benefin Sprayable
Lesco Inc
(Bensulide) Lescosan; (DCPA) Lesco Dacthal; Lesco Benefin, Lesco Devrinol
Mallinckrodt Inc
(Bensulide) Presan
Mobay Chemical Corp
(Metribuzin) Sencor 75 Turf
National Chemsearch
(Dimethyl Tetrachloroterephthalate) Pretrol
Nor-Am Chemical Co
(Ethofumestate) Prograss, Enide
PBI Gordon Corp
(Dichlobenil) Norosac 4-G, Dyclomec 4-G; ((Betasan) Betamel 4LF
Regal Chemical Co
(Oxadiazon + Benefin) Regalstar; (2% Oxadiazon) Regal Ronstar Plus
Rhone-Poulenc Inc
(Oxadiazon) Chipco Ronstar 50 WP

Rockland Chemical Co
Rockland
Rohm & Haas Co
Kerb, Goal
O M Scott & Sons Co
(Pendamethalin) Turf Weedgrass Control
SDS Biotech
(DCPA) Dacthal
Stanford Seed Co
(Balan, Tupersan) Old English
Stauffer Chemical Co
(Bensulide) Betasan
UAP Special Products
(DCPA) Dacthal WDG; (Benefin) Balan 2.5G; (Bensulide) Betasan

Insecticides, Tree

Acme Burgess Inc Chemical Div
(Bacillus Thuringiensis, Sevin, Malathion, Diazinon)
J & L Adikes Inc
(Malathion, Dormant Oil, Methoxychlor, Diazinon, Sevin) Gro-Well
Bonide Chemical Co
(Malathion, Methoxychlor, Sevin, Kelthan Spreader) Bonide Evergreen Flower Insect Spray; (20% or 5%) Bonide Borer Miner; (Imidan) Bonide Imidan; (Diazinon) Bonide Diazinon; (Sevin) Bonide Sevin; (Malathion) Bonide Malathion; (Methoxychlor) Bonide Methoxychlor; (Bacillus Thuringiensis) Bonide BT Liquid; (Dursban) Bonide Dursban; (Roteuone

+ Pyrethrin) Bonide Liquid Roteuone/Pyrethrin Spray; (Metasystox) Bonide Metasystox; (Disyston) Bonide Systemic Granules; (Cygon) Bonide Cygon; (Dormantoil) Bonide Dormantoil
Chevron Chemical Co
(Acephate Dibrom 8 Emulsive) Orthene; (Lindane) Naled Isotox Lindane Spray 200
Ciba-Geigy Corp
(Diazinon) DZN
Creative Sales Inc
(Acephate) Acecap 97
Ross Daniels Inc
(Organophosphate) Ross
Dow Chemical USA
(Chlorpyrifos) Dursban 50W
Drexel Chemical Co
(Carbaryl) Carbaryl 4L & 2L; (Phytonomic oil) Damoil; (Diazinon) D-264-EC500; (Lindane) Borer Spray
Faesy & Besthoff Inc
F & B Diazinon-Granular & Liquid, F & B Dormant Oil
Garfield Williamson Co
Major Brands
Kincaid Enterprises Inc
(Methoxychlor Insecticide) Marlate 50
Lesco Inc
(Dursban) Lesco Turf + Ornamental Insecticide
Mallinckrodt Inc
Bendiocarb, Dycarb, (Diazinon & Methoxychlor) Dymet; (Bendiocarb) Dymet



With the Lancer 350, 2 men can cover a lot of ground.

The only thing small about the Lancer 350 Hydro-Mulcher is its size. On the job, this 350-gallon unit is a giant.

In a normal work day, a two-man crew can cover:

- 4 home lawns (21,000 sq. ft.) on 6 tankloads, or
- 1 apartment or condo lawn (42,000 sq. ft.) on 12 tankloads, or
- 1 athletic field (63,000 sq. ft.) on 18 tankloads.

The Lancer 350, mounted on a single-axle trailer, handles seed, sprig, fertilizer and/or mulch operations. It comes with four nozzles and a 50' extension hose. Optional is a high-pressure pump for herbicide and fungicide application.



For more information, including a free catalog, write or call today.

Bowie Industries, Inc.

P.O. Box 931 Bowie, Texas 76230 817/872-2286

Circle No. 106 on Reader Inquiry Card

San Diego • Aurora, Ohio • Orlando

Great family fun at the most
spectacular marine life
parks in the world.

Rubigan® puts an end to your golfer's Poa excuse

GUARANTEED



They can't blame you for bad putts. Not when you control your *Poa annua* with Rubigan. When used in a pre-emergence program applied in the late summer and early fall, Rubigan delivers 75-95% *Poa* control, without affecting your ryegrass seed germination.

Rubigan also controls dollar spot and large brown patch. Roots and leaves quickly absorb Rubigan, and once the spray dries, it won't wash off. Plus, with Rubigan, your resistance worries are limited due to multi-sites of inhibition.

Rubigan's safety to Bermuda grass turf

tops off the list of reasons why you should be using Rubigan in your *Poa* control program.

So when *Poa* roughs up your course and ruins your golfer's putts, pull out your Rubigan, and put an end to their *Poa* excuse.

For best results always read and follow label directions.

Elanco Products Company
A Division of Eli Lilly and Company
Dept. E-455
Indianapolis, IN 46285, U.S.A.

**Turf products
with benefits
that make
the difference.**

Rubigan®—
(fenarimol, Elanco Products Company)

- J J Mauget Co
(Metasystox R-Oxy-Demetonmethyl)
Inject-A-Cide; (Bidrin Dicrotophos
Inject-A-Cide "B")
- Mobay Chemical Corp
(Disulfoton) Di-Syston; (Azinphos-
methyl) Guthion; (Oxdemeton-methyl)
Metasystox-R; (Demeton) Systox
- National Chemsearch
(Dursban/DDVP) Dichloron; (Disyston)
Stem-AX
- Nor-Am Chemical Co
(Bendiocarb 76%) Turcam, Baam, Sok-
Bt
- PBI-Gordon Corp
(Sumithion) Destroy; (carbaryl) carbamel
- Prentiss Drug & Chemical Co
(Diazinon, Malathion, Methoxychlor)
Prentox
- Rigo Co
(Diazinon) Rigo Diazinon A-C 500;
(Malathion) Rigo Malathion SE
- Rockland Chemical Co
Rockland
- Shell Chemical Co
(Monocrotophos) Azodrin 5WM;
(Methomyl) Nudrin 1.8S; (Methomyl)
Nudrin 90WSP; (Fenvalerate) Pydrin
2.4EC; (Fenbutatin-Oxide) Vendex
50WP; (Fenbutatin-Oxide) Vendex
50WSB
- Stauffer Chemical Co
Imidan
- UAP Special Products
- Union Carbide Ag Prod Co
Sevin
- Zoecon Corp
(Fluvalinate) Mavrik Aquaflow
- Insecticides, Turf**
- Acme Burgess Inc Chemical Div
(Chlorpyrifos, Diazinon, Malathion)
- J & L Adikes Inc
(Oftanol, Diazinon, Dursban) Gro-Well
- American Cyanamid Co
(Dimethoate) Cygon
- The Andersons
(Dursban, Diazinon) Tee Time
- Bonide Chemical Co
(Dursban) Bonide Dursban; (Oftanol)
Bonide Grub Beater; (Diazinon) Bonide
Diazinon; (Sevin) Bonide Seven
- Chevron Chemical Co
(Acephate) Orthene
- Ciba-Geigy Corp
(Diazinon) DZN
- W A Cleary Chemical Corp
(Dursban) Cleary's Dursban; (Diazinon)
Cleary's Diazinon
- Dow Chemical USA
(Chlorpyrifos) Dursban 4E
- Drexel Chemical Co
(Lindane) Borer Spray
- Hopkins Agricultural Chemical Co
(Diazinon, Malathion)
- Kincaid Enterprises Inc
(Methoxychlor) Marlate Flowable
- Lesco Inc
Lesco Oftanol & Fertilizer, Lesco
Dursban, Lesco Diazinon
- Lebanon Chemical Corp
Green Gold, Country Club,
- GreensKeeper
- Mallinckrodt Inc
Diazinon & Methoxychlor, Dymet
- Mobay Chemical Corp
(Isofenphos) Oftanol; (Trichlorfon) Dylox
- National Chemsearch
(Dursban/DDVP) Dichloron
- Nor-Am Chemical Co
(Dioxathion) Deltic; (Bendiocarb)
Turcam; (Trichlorfon) Proxol
- Prentiss Drug & Chemical Co
(Diazinon, Chlorpyrifos, Propoxur)
Prentox
- Rhone-Poulenc Inc Agrochemical Div
(Ethoprop) Chipco Mocap
- Rigo Co
(Diazinon) Rigo; (Dursban) Rigo Lawn &
Ornamental
- Rockland Chemical Co
(1.5% Oftanol) Rockland Grub-Out
- O M Scott & Sons
ProTurf
- Stanford Seed Co
(Diazinon) Old English
- Stauffer Chemical Co
Aspon
- UAP Special Products
(Diazinon) Diazinon Granules & Liquid;
(Bendiocarb) Turcam Granules;
(Chlorpyrifos) Clean Corp Chlorpyrifos
- Union Carbide Ag Prod Co
(Carbaryl) Sevin
- Zoecon Corp
(Fluvalinate) Mavrik Aquaflow

Wherever man molds the earth to his purpose, Ditch Witch is there.

The Ditch Witch 4010 trencher, equipped with an A420 backhoe;

the best selling 40-HP-class trencher in the world.



Miticides

Mobay Chemical Corp Agri Chem Div
Morestan
Rohm & Hass Co
Kelthane
Zoecon Corp
(Dienochlor) Pentac Aquaflow

Mulches And Erosion Control

American Excelsior
(Excelsior Blanket) Curlex
The Andersons
Grass Mulch
Cal-Fiber Co
Cellin Mfg Inc
Cellin Fiber Mulch, Turfiber Mulch
Conwed Corp
Hydro Mulch
Grass Fiber Inc
(Processed Fiber) Grass Mulch
Grass Growers Inc
Terra Tack I, III, AR, MP
Hendrix & Dail Inc
(DuPont Plant Cover, Polyethylene
Mulch) Reemay
Hoechst Fibers Ind
Nepera Inc
(Acrylamide/Acrylic Acid Copolymer)
Viterrra Gelscape
Phillips Fibers Corp
Weed Conrol Mat
Reclamare Co
(Hydrocolloids) J-tac, HS, AS, R-2400;
(PVA) Marloc

Rothwell Seeds Ltd
(Wood Fibre) Conwed
Thermoguard
Turfiber-Cellin
Warren's Turf Nursery Inc
Warren's Terrabond Polyester
Geotextile Fabrics
Weyerhaeuser
(Wood Mulching Fibers) Silva Fiber

Nematocides

Bonide Chemical Co
(Vapam) Bonide Soil Fumigant
Estech Inc
(Vapam) Vigoro, Gro-Tone
Mobay Chemical Corp
(Fenamiphos) Nemacur 10%
Rhône-Poulenc Inc Agrochemical Div
(Ethoprop) Chipco Mocap
Stauffer Chemical Co
Vapam

Repellents, Animal

Hopkins Agricultural Chemical Co
(Thiram) Thiram 42-S
Leffingwell Chemical Co
Hinder

Root Killer

Faesy & Besthoff Inc
F & B Rooticcate

Soil Amendments

Finn Corp
(Water Absorbent Polymer) Finn A-1000
Hydro Gel

Soil Conditioner

Arthur Enterprises Inc
Penteturf
Cal-Fiber Co
(Cellulose) Mulch
W A Cleary Chemical Corp
(Sulphur) Sulphur-F (Calcium
Carbonate) Limestone F
Estech Inc
(Perlite) Vigoro
Four Star Agricultural Services Inc
(Ammonium Laureth Sulfate) Pene-Turf
Grass Fiber Inc
Garden Mulch
ICI
International Reforestation Suppliers Inc
Lesco Inc
Lesco Wet/Lescozyme
Michigan Peat Co
(Peat Moss) Baccto Michigan Peat,
Baccto Horticultural Sphagnum Peat
Moss, Baccto Top Soil
Nalco Chemical Co
Nalco 2190
National Bark Sales
(Composted Bark) Top-N-Turf
National Chemsearch
(water soluble iron) Ferate; (natural
organic extract) Nature-Aid; (an ionic
blend of penetrants) Turf-Tonic



**Ditch
Witch**
WORTH MORE, EVERY DAY.

continued

Nepera Inc
(Acrylamide/Acrylic Acid copolymer)
viterra Gelscape
Oil-Dri Corp of America
Terra Green
PBI-Gordon Corp
(Concentrated Cow Slurry) Bov-A-Mura
UAP Special Products
Turfade
United States Gypsum Co
(Gypsum) Sof'N-Soil

Soil Fumigants

Bonide Chemical Co
(Vapam) Bonide Soil Fumigant
Faesy & Besthoff Inc
F & B Vapam
Hendrix & Dail Inc
(Methyl Bromide/Chloropicrin mixtures)
MBC Soil Fumigant, MBC Concentrate,
MBC-33; (Chloropicrin) HD-Pic
Fumigant
Hopkins Agricultural Chemical Co
Mylone 50D
Nor-Am Chemical Co
(113 Dichloropropene & related
Chlorinated Hydrocarbons) Vorlex
Shell Chemical Co
Stauffer Chemical Co
Vapam

Sticker Extender

J & L Adikes Inc
NuFilm 17
BASF Wyandotte Corp
Citowett Plus
Bonide Chemical Co
(Spreader-Sticker) Bonide Spreader
Sticker
Chevron Chemical Co
Chevron Spray Sticker
Cumberland International Corp
(Adjuvant) Ag-Chem Activator
Drexel Chemical Co
(Alkylaryl poly Ethanol) Add-It-To-Oil;
(Alkylaryl Polythoxyethanol) Surf Ac
820; (Surfactant) Wetz
Encap Products Co
Spray-Stay
Hopkins Agricultural Chemical Co
Plyac
Kalo Agricultural Chemicals
BioFilm
Lesco Inc
Lesco Spreader Sticker
PBI-Gordon Corp
(Polymers & Parafins) Exhalt 800 Tank
Mix Encapsulator
Rigo Co
Rigo Spreader w/defoamer; Spray-Ad
CVF
Rohm & Haas Co
Triton
UAP Special Products
Bond
Wilt-Pruf Products Inc
(di-1-P-menthene) Spray-Stay

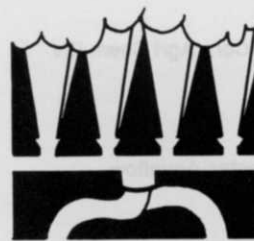
Tree Dressings

J & L Adikes Inc
Gro-Well
Asplundh Tree Expert Co
(Ethyl 1-Naphthaleneacetate)

Bartlett Mfg Co
Bonide Chemical Co
(Asphalt Solids) Bonide Pruning Wound
Bomb, Tree Paint
Samuel Cabot Inc
(Healing Paint) Cabot's Tree
Coopers Creek Chemical Corp
C-4
Lesco Inc
Lesco Pruning Spray

Wetting Agents

Aquatrols Corp of America
100% blend of non-ionic, organic
Surfactants) Aqua-Gro "L", (100%
blend Surfactants on ground corn cobs)
Aqua-Gro "S"
Asplundh Tree Experts Co
(Alkylphenolpolyoxyethylene) Surfactant
BASF Wyandotte Corp
Citowett Plus
W A Cleary Chemical Corp
(Alkylphenolpolyoxyethylene) All Wet,
Super Wet, Super Wet Granular
E I du Pont de Nemours & Co
Surfactant WK
Finn Corp
Hydro-Gel
Hopkins Agricultural Chemical Co
Neptune
Kalo Agricultural Chemicals
Hydrowet
Lesco Inc
(Non-ionic surface active surfactant)
Lesco Wet
Mallinckrodt Inc
Aquaagro
Montco Products Corp
(Non-ionic Surfactants) Surf-Side
Moyer & Son Inc
(Spreader/Sticker) Spray Film B
National Chemsearch
(An ionic blend of penetrants) Turf-Tonic;
(non-ionic blend of penetrants)
Groundsmaster SWA
Nepera Inc
(Acrylamide/Acrylic Acid Copolymer)
viterra Gelscape
PBI-Gordon Corp
Aquazorb
Rigo Co
Rigoette Plus
Rohm & Haas Co
Triton

**4. Chemical Companies**

Acme Burgess Inc
Chemical Div
Rte 83
Grayslake IL 60030
312-223-1100

J & L Adikes Inc
182-12 93rd Ave
Jamaica NY 11423
718-739-4400

Agricultural Service Corp
PO Box 101
Harrisburg OR 97446
503-995-6754

★ American Cyanamid Co
Agricultural Div
One Cyanamid Plaza
Wayne NJ 07470

American Excelsior Co
850 Ave H East
PO Box 5067
Arlington TX 76011
817-640-1555

American Pelletizing Corp
PO Box 3628
Des Moines IA 50322
515-278-5900

★ The Andersons
1200 Dussel Dr
Maumee OH 43537
419-893-5050

Anderson's Erosion Control Inc
See Grass Fiber Inc

Applied Biochemists Inc
5300 W County Line Rd
Mequon WI 53092
414-242-5870

Aquashade Inc
PO Box 198
Eldred NY 12732
914-557-8077

★ Aquatrols Corp of America
1432 Union Ave
Pennsauken NJ 08110
609-665-1130
800-257-7797

Arthur Enterprises Inc
2221 Cape Cod Way
Santa Ana CA 92703
714-558-9561

**COMING IN
OCTOBER ...**

Readex Issue

An exclusive survey of Weeds
Trees & Turf.