



# MID-ATLANTIC News Letter



Director  
EDWARD DEMBNICKI  
Editors  
WILLIAM EMERSON, Balti.  
GEORGE B. THOMPSON, Metro.  
DENNIS L. McCAMMON, Va.

Published by  
Mid-Atlantic Association of Golf Course Superintendents to aid in the Advancement of the  
Golf Course Superintendent through Education and Merit

VOL. XVIII

APRIL 1968

NO. 4

## NEXT MEETING

The next meeting of the Mid-Atlantic Golf Course Superintendents Association will be held on Tuesday, May 7, at the Bethesda Country Club. Anyone wishing to play must tee off between 12 and 1:00 p.m. Lunch will be available. Social hour will begin at 6:00 followed by dinner at 7:00.

## OUR HOST

Grafton Lumsden began his golf career as a caddy at the Bannockburn Club on McArthur Blvd. in Washington. He later worked at the same course in maintenance. During World War II Grafton was stationed in the Philippines as a member of the Army engineers. While on active duty, he was course superintendent at Manila which was the recreation center for the Pacific forces. He also constructed a driving range on the island.

Upon his discharge from the army, he was self-employed until 1962 when he came to Bethesda as an assistant for his father, T.S. Lumsden. Grafton has been superintendent since his father's retirement. He is married to the former Mary Ellen Bailey and they have four daughters.

## THE COURSE

Bethesda Country Club was formerly the Washington Golf and Aviation Club for women only. It was purchased by Bethesda C.C. in 1947 and expanded to 18 holes in 1949. F.O. Day constructed the back nine. The course had to be redesigned again in '62 due to the Capital Beltway. Edmund Ault was the architect. A fairway snap valve system was installed in 1967. The present 18 holes measure 6500 yards and the par is 70.

## MAINTENANCE

The greens are C-1 C-19 with the exception of numbers 5 and 8 which are Penncross. They average about 6500 square feet. Grafton applies 6-8 lbs. N annually from various sources. They are maintained at 1/4" and are hand watered. The greens came through the winter exceptionally well and putt true. Grafton attributes this to restriction of winter play and the fact that he was able to water heavily in early March. He closed the course the entire month of February and although he wasn't very popular then, he is drawing much praise now.

The tees and fairways are primarily Poa and are cut 1/2". By irrigating regularly, Grafton can bring them through an average Washington summer. He is also starting on a Bermuda program. Tufcote will be used. The roughs are composed mainly of Kentucky Bluegrass and are excellent. They are clipped at 2" weekly.

Much construction work has been done recently. A new lake has been added on #5, also a split level tee on the same hole. Other club activities are tennis and swimming and Grafton's main problem is labor. Sound familiar?

## DIRECTIONS TO THE CLUB

Take National Capital Beltway to River Road exit. From Baltimore proceed North on Beltway. Turn left on River Road, turn right at first stop light on to Seven Locks Road. Turn right on Bradley Blvd. at stop light. Club is one mile on the left.

## PRESIDENT'S MESSAGE

George W. Cleaver

The passing of Frank Haske leaves a large gap in the administration of the Mid-Atlantic Association of Golf Course Superintendents. I admired his ability to plan, organize and show results with the social functions of our association, especially when the ladies were included. Frank was the spark that started our ladies night, which we shall continue and remember him for. He was chairman of the outstanding ladies program when the International Turfgrass Conference was in Washington, D.C. The employment

survey was another program which Frank was chairman. This survey was recognized throughout the country. This is just a part of what Frank Haske contributed to the Mid-Atlantic Association, the G.C.S.A.A. and Congressional C.C., where he was superintendent.

Robert Milligan was appointed to serve the unexpired term of Vice-President and Dennis McCammon was appointed as a Director to fill the unexpired term of Bob Milligan. Bob Shields, George Thompson, Lee Dieter, Bruce Haworth and Angelo Cammarota will serve as the Mid-Atlantic Scholarship Committee. The names of members that have not paid their 1968 dues were removed from the roster. The above business was taken care of at our last directors meeting.

FROM THE UNITED STATES GOLF ASSOCIATION  
GREEN SECTION

DESICCATION - SEVERE THIS WINTER

Golf courses in parts of the Northeastern and Middle Atlantic States suffered severe dehydration over-winter. This was the first time this area was blasted so severely in years; in fact, it is the most severe case since 1933 according to some of the veteran area superintendents. DESICCATION resulted because of the lack of protective snow cover, the lack of precipitation, and because of the high, drying winds that blew incessantly during January, February and March. This caused the shallow rooted *Poa annua* and bentgrasses to dry out, become weak, and turn a crisp brown color. At this writing (in mid-April), recovery has been only fair because of the continued strong, drying winds and lack of warmth and rain. High areas are mainly affected while greens protected by terrain or trees came through with hardly a blemish.

WHAT TO DO ABOUT IT? For the most part recovery should be good but it will be slow... slower than in a normal spring... possibly four weeks slower. In the meantime, it is advisable to syringe greens daily using the same technique as for summer wilt. Weak areas may also require brushing, renovation in the form of spiking or aeration, or light grooving prior to seeding, fertilizing and topdressing. Then syringe lightly until germination is complete--this will also help the weak grasses to recover. Weak areas on fairways mainly require light irrigation, but some renovation here may also be necessary.

We trust this will be helpful in understanding the problem and to say that in dealing with it, PATIENCE is the byword.

Alexander M. Radko  
Eastern Director

NEWS FROM THE VIRGINIA AREA CLUBS

Dennis McCammon

Well, another season is upon us and many news items have developed. One is that SHELDON

(717) 427-4256

**HUMIX®**

BLUE RIDGE INDUSTRIES

— PROCESSORS OF —  
PEAT HUMUS SOIL MIXTURES

LEONARD A. O'HARA  
PRESIDENT

P. O. Box 128  
WHITE HAVEN, PA. 18661

**YOUR COURSE DESERVES QUALITY**

KAPCO CUSTOM MIXING IS QUALITY

For Best Results Contact —

John Gross  
620 Regester Ave.  
Baltimore, Md. 21212  
Phone 377-6172



You Know You'll Grow with KAPCO



Cornell Chemical and Equipment Co., Inc.

TURF MAINTENANCE PRODUCTS

CLIFFORD S. CASE  
RESIDENCE PHONE:  
WINDSOR 4-1348

1115 N. ROLLING ROAD  
BALTIMORE 28, MARYLAND  
RIDGEWAY 7-1042

**Miller Chemical & Fertilizer**

- ★ FERTILIZERS
- ★ INSECTICIDES
- ★ FUNGICIDES
- ★ WEED KILLERS  
and
- ★ NEW BLACK WONDER  
(H.A.D.) FERTILIZER

Baltimore ..... 301-664-2350  
Met. Washington ..... Wallie Miller 422-7910

GROWERS OF HIGHEST QUALITY SOD FOR LAWNS, PARKS AND GOLF COURSES

PRINCETON

TURF FARMS, INC.

Office and Farm: 12 miles east of Chesapeake Bay bridge on U.S. 301

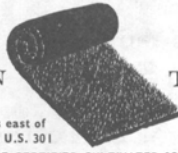
Box 105A, RR3, Centreville, Md. Zip 21617 Area Code 301 827-8454-7155

Grades of STATE CERTIFIED CULTIVATED SOD — Approved for sale in Virginia

- Merion Blue
- Certified Common Kentucky
- Penncross Bent
- K-31 Tall Fescue W/Kentucky Blue
- Fescue and Blue Mixtures
- Bermudas — 328 — 419 — Tufcote

ALL TURF Irrigated — Cultivated and Maintained to proper height for two years prior to lifting. State Inspected — Personal Inspection Invited.

PARKER SHIRLING, Manager

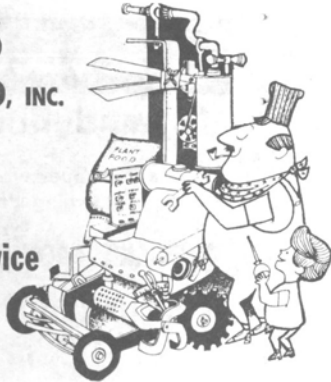


## GUSTIN'S Baltimore Toro, INC.

- TORO LAWN EQUIPMENT
- RYAN AERIFICATION
- SPRINKLERS
- MILORGANITE
- FUNGICIDE

### Complete Parts & Service

2205 E. Joppa Rd.  
BALTIMORE, MARYLAND  
NO. 8-0500



Want turf feeding flexibility?

## Call on AGRICO®

AGRICO COUNTRY CLUB FERTILIZER is

- Available in a variety of analysis formulated for use on greens, tees and fairways.
- Available with pesticides for insect control.
- Available with herbicides for control of broadleaf weeds, clover and chickweeds.

AGRI-TONE 28-7-14 and  
AGRI-TONE 20-20-20

Water Soluble Fertilizers

AGRINITE — natural organic nitrogen

AGRICO CHEMICAL COMPANY, DIVISION OF  
CONTINENTAL OIL COMPANY

BALTIMORE, MD. — ALEXANDRIA, VA.



AQUA-GRO QUALITY BLENDED WETTING AGENT

AQUA-T LOW COST BLENDED WETTING AGENT

STOMA-SEAL CHEMICAL CONTROL OF WILT

AQUA-GRO GRANULAR

CONVENIENCE OF APPLICATION

BETTERLY at Chantilly C.C. will leave May 5. It will be the end of one career and the start of another. This one a new venture and we all wish him the best of luck. Betterly's new house is nearing completion at Nokesville and the "moving in" process is now underway. The Betterly's have extended each of us an open invitation to come and see them and maybe even help move furniture around! Sheldon's replacement at Chantilly is a prospective new member, VIRGIL ROBINSON. Virgil comes to Chantilly from Westwood Country Club in Vienna where he was the assistant superintendent working under Jack McClenahan. Virge is originally from Illinois where he worked on a public link before going to Penn State in 1964 for the two year course. During Penn State he worked at Seaview Country Club in New Jersey. After Seaview he worked for Roy Nelson at Ravisloe in the Chicago area. For two years before going to Jack's, he worked as Whitey's assistant at River Bend. Virgil is 24, married, and he and Karen have two children. The Robinsons live at 306 East Dartmouth Drive in Sterling Park and the phone at the house is 430-3479. We all welcome Virge into the land of the full-fledged golf course superintendent and hope the new job will prove to be interesting and rewarding. . . . TOM DOERER at Belvoir Golf Course is in the same predicament the rest of us are in - dry ground, early aerifying and much watering. The greens and tees are getting soaked about every other day and are in good shape. Tom says he is feeling much better and is planning on getting around to the meetings and seeing all his friends. . . . In Vienna, JACK McCLENAHAN at Westwood is without an assistant superintendent at least for a while. With the dry weather, at least the grass is not covering them up. . . . DAVE CANAVAN of Moore Golf Inc. will be rebuilding the seventh hold there too. This is due to start this month. Jack says weed control in his fairways is the best he's had. He used 1 1/2 pounds of 2,4-D and 3/4 pounds of dicamba. . . . Down south of there, it seems CHARLES CROLEY at Twin Lakes is a very busy guy this spring. He is now the superintendent-pro, in that order, and is running his legs off. He had some winter damage, and the water system is now a problem. He says just needing to use it is a problem. . . . At Country Club of Fairfax, superintendent SAM KESSEL is quite busy too. He has all his new holes open and they seem to be in good condition. The new green he rebuilt last fall looks good and the three acres of sod around it are knitting in real well. . . . Over near Arlington, at Washington Golf and C.C., LEE DIETER is busy cleaning up that cross-country cart path they built last year. This consists of cleaning mud out of the gravel, raking it out, and sodding the shoulders. Lee says he's noticed a lot more seed heads on the Poa and dandelions this year. Dry weather or what? . . . . . MIKE BURKHOLDER up at Reston has his summer cut out for him the way it sounds. Plans are in for another regulation 18 to be built this summer for sure. Ed Ault

will be doing the work. Better pray for a nice wet summer and fall, Mike.....And at Springfield, YOURS TRULY has just about got the irrigation system underway. It is all complete now except for sodding the ditches and a few minor adjustments. It is a nice system and roses should go to RUSSELL ROBERTS and his crew who did all the installation. An invitation to anyone who would like to see the system in operation is open and it would well be worth the drive over to see it work.

THE MID-ATLANTIC TEN YEARS AGO Bob Shields

At this time in the year 1958, the members of the Mid-Atlantic were still recovering from the National Turfgrass Conference and Show which we sponsored and held at the Shoreham Hotel in Washington. At this meeting we accomplished something that had never been done before. We introduced the Vice-President of the United States, Mr. Richard M. Nixon, to the 1800 people in attendance. His appearance was the highlight of the national meeting.

In 1958 the Mid-Atlantic President was Bob Shields, the Vice-President's office was held by Jim Reid and Frances Coupe, then at Washington Golf & C.C., was the Secretary-Treasurer.

The April meeting that year was held at Ft. Belvoir Golf Course where Jim Naughten was golf course superintendent. Jim was in the base hospital the day we were there and could not attend the meeting but we had a fine host in the person of Captain Paul Harris, Ft. Belvoir golf officer. Captain Harris thought the superintendent's job should be held by a civilian and it wasn't long before Tommy Doerer took the position which he still holds.

At the meeting the late Frank Dunlap reported on the expense of the February National meeting and gave a detailed account of receipts and expenditures. Our costs were \$1600.

The May meeting in 1958 was held on the 6th of the month at Cedar Point Golf Course at the Patuxent River Naval Air Station where John Burt was superintendent. Remember that meeting? In his efforts to make us welcome, John kind of over-did the work of being host and was late for the meeting.

It was announced that Admiral Jack S. Phillips was moving to Florida to live. The Admiral was Greens Chairman at Army-Navy Country Club and attended many of our association meetings. He was loved and respected by all superintendents who knew him because of the way he boosted superintendents at our meetings as well as at U.S.G.A. and Golf Association meetings. We can still hear his booming voice thundering out praise for the superintendent and his work to anyone who would listen. He was the superintendent's champion and the best advisor we ever had. At Cedar Point, the guest speaker was Dr. O. R. Hung from the U.S.D.A. on "The Construction of Putting Greens." He advocated the use of sand in construction of greens and urged particular attention be given to drainage. He told us we must see that

For Golf Course Use

Seeds  
Golf Tag Fertilizers  
Milorganite  
Fungicides - Insecticides

F. W. BOLGIANO & COMPANY  
411 New York Avenue, N. E.  
LI 7-4800 Washington 2, D. C.

**BARRICK**

**Ground Burned Lime**

Take The Guesswork Out Of Your  
Liming Program  
Buy

**BARRICK'S GROUND BURNED LIME**

**S. W. BARRICK & SONS, Inc.**

WOODSBORO, MARYLAND  
301-845-2901

**MOORE GOLF, Inc.**

**GOLF COURSE CONSTRUCTION**

**REMODELING**

**IRRIGATION INSTALLATION**

P. O. BOX 371

CULPEPER, VIRGINIA

Telephone (703) 825-9211

**For HEALTHY TURF & MAGNIFICENT GREENS at LOWER COST and with a minimum of effort!**

Try our . . .

FUNGICIDES - HERBICIDES - INSECTICIDES  
LIQUID & SOLUBLE FERTILIZERS  
WETTING AGENTS

**WE SHIP DIRECT! IN BUSINESS SINCE 1939**



Phone 373-1394 • P.O. Box 267 • Marietta Ohio 45750

## Weblite for Quality Turf

Direct from research plots to the Golf Course. Weblite is available for mixing with your own soil or as a complete sterile soil mix for greens construction or top dressing.

### **WEBLITE CORPORATION**

P.O. Box 780                      Roanoke, Va. 24004  
Telephone: Area Code 703—345-1426



### **NATIONAL CAPITAL TORO, INC.**

928 PHILADELPHIA AVENUE  
SILVER SPRING, MD.

Uniper 5-1322

Fertilizers

Sprinklers

**TORO** POWER MOWERS • • • FOR MODERN LIVING

Complete Turf Maintenance Equipment  
Complete Service Available

## **G. L. CORNELL COMPANY**

16031 Industrial Drive • Gaithersburg, Md. 20760  
Phone: 948-2000 (Area Code 301)

### **GOLF COURSE EQUIPMENT**

FUNGICIDES — SPRINKLERS — INSECTICIDES  
MISCELLANEOUS GOLF SUPPLIES

### **CLEARY PRODUCTS FOR BETTER TURF**

"PMAS"—Crabgrass & disease control  
"CADDY"—Liquid cadmium fungicide  
"SPOTRETE"—75% Thiuram Fungicide  
"ALL WET"—Wetting agent  
"THIMER"—Mercury & Thiuram Fungicide  
"METHAR" & "SUPER METHAR"—Crabgrass Control  
"CLEARYS MCCP"—Weed control in bent grass  
"TRU-GREEN"—Liquid Chelating agent

**W. A. CLEARY CORP.**  
NEW BRUNSWICK, NEW JERSEY

our soils were not too impervious to the entrance of water and that slow percolation was not desirable. He said the danger point of compaction was in the top inch and one half of the surface and that fine silts and heavy materials are more prone to compaction.

Charlie Hallowell, who was the U.S.G.A. Mid-Atlantic representative of the Green Section, was in attendance and had some timely tips on maintenance during excessively wet spring weather. Some of his suggestions were: provide for the removal of seepage water by installing adequate drainage; get rid of surface water as quickly as possible; apply lime where needed; aerate the soil to let in air and speed up evaporation. Fertilize moderately to encourage recovery of the grasses but be on the look out for turf disease at all times.

### GOLF COMMITTEE

Bert Yingling

Sunny skies and moderate temperatures brought 45 members and guests to play golf at Green Spring Hunt Club. Many thanks to our host Bill Emerson and golf professional Johnny Flattery. A good time was had by all. Our tournament winners were: Tom Harris, Richard Anderson, Bert Yingling, Purdy Carson and Al Frenzman. All received sport shirts for their winning efforts. Let's all turn out for golf at Bethesda Country Club on May 7th.

### NEW MEMBERS

L. Robert Shields and Bert Yingling have sponsored for a Class B membership, C. Wm. Black, Superintendent of Fountain Head C.C., Hagerstown, Maryland. George Gumm and Russ Kerns have sponsored for a Class E membership, Daniel Linden, sales representative for National Chemsearch Corporation. William Peterson and Angelo Cammarota have sponsored for a Class D membership, Joseph T. Harding, assistant superintendent at Northwest Park Golf Course. Unless there is objection in writing within five days after the mailing of this notice, the applicants listed will be considered for membership by the Board of Directors at their next meeting.

### IN MEMORIAM

Frank Haske, Class A member and Vice-President of the Mid-Atlantic and Class A member of the G.C.S.A.A. passed away very suddenly on the afternoon of Saturday, April 14, at the age of 51. Frank was the superintendent at Congressional Country Club, site of the 1964 National Open Tournament. We all extend our sincere sympathy to Mrs. Haske and her family.

### FROM THE VERMONT EXTENSION SERVICE "FACT SHEET" PESTICIDE-CHEMICAL NEWSLETTER

J. R. FLANAGAN, Weed Specialist

### MIXING AND FILLING THE TANK

The amount of pesticide applied should be the same as the amount that is recommended. Too little may result in poor control; too much is wasteful and perhaps contributes to excessive residues.

Proper sprayer adjustment (calibration) and the right concentration in the tank are equally important.

1. To determine the amount of pesticide to put in the tank: divide the number of gallons the tank holds by the number of gallons your sprayer applies per acre (GPA). This will give you the number of acres one tankful will spray.

Example: The tank holds 55 gallons; spray rate was calculated to be 21 GPA.

$$\text{Acres per tank} = \frac{55}{21} = 2.66 = 2 \frac{2}{3} \text{ acres}$$

2. Then, multiply the number of acres the tankful will spray by the amount of pesticide (lbs. or gallons) to be used per acre. Refer to label for suggested rates).

Note: If quantity of pesticide suggested is in terms of commercial material (product), simply use that amount from the container. Where suggestions are given in terms of acid equivalent or active ingredient (a.e. or a.i.) you must calculate the amount of commercial product to use.

A. Dry Materials: Divide the number of pounds of acid equivalent or active ingredient recommended per acre by the percent a.e. or a.i. in the commercial produce (see label) to determine the number of pounds of product to apply per acre.

Example: Suggested rate is 3 lb. a.i./acre; commercial material is 80%; one tankful covers 2 2/3 acres.

$$\frac{3}{.80} = 3.75 \text{ lbs. product} - 2 \frac{2}{3} \times 3.75 = 10 \text{ lbs}$$

B. Liquids: Divide the number of pounds of acid equivalent or active ingredient recommended per acre by the pounds a.e. or a.i. per gallon in the commercial produce (see label).

Example: Suggested rate is 1 lb. a.e./acre; commercial product is a 4 lb./gallon concentration; 1 tank covers 2 2/3 acres.

$$1/4 = 1/4 \text{ gallon or } 1 \text{ qt.}; \text{ or } 2 \frac{2}{3} \text{ qts needed}$$

3. Mixing and Filling: Always use clean water. If in doubt, filter through a 100 mesh screen. In filling the tank from wells, ponds, or streams be extremely careful to prevent chemicals from getting in the water. Overflow from tank or by-pass line, or spray material left in suction line can contaminate water sources.

A. Liquids: Partially fill tank with water first. Add liquids. Rinse out measuring equipment, funnels, putting rinsings into tank. Then fill tank.

B. Dry Materials

Soluble Powders: Partially fill tank. Dissolve pesticide in pail, add to tank. Rinse mixing and filling equipment; put rinsings into tank. Fill tank.

Wettable Powders: Continuous agitation is essential for the uniform application of these materials. Be sure pump is of adequate capacity to provide for sufficient by-pass agitation. Jet or venturi agitators are good. Use 50 mesh or coarser strainers and screens.

Start with partially filled tank. Pre-mix wettable powders in a pail, making a thin soup or slurry.

With agitator running, add pesticide to tank. Rinse out mixing and filling equipment; put rinsings into tank. Fill tank. Keep agitator running at all times during spraying.

4. REMEMBER - HANDLE ALL PESTICIDES PROPERLY

Follow safety precaution on label - Don't smoke - Don't inhale dust or fumes - If protective masks or clothing are suggested, WEAR THEM - Clean up all spillage immediately - Don't leave mixing pails or open pesticide containers around where children, pets, livestock can get at them - Don't contaminate water supplies - Dispose of empty containers properly.

5. READ THE LABEL FIRST

## CLEANING SPRAYERS

Rinse the sprayer with about 50 gallons of clean water when changing from one pesticide to another, and again at the end of the day. Rinse so that the entire rig, including tank, pump, hoses, regulator, valves, and nozzles, etc., are completely clean of spray solution. Remove nozzle tips and screens to aid in flushing the system. Clean strainers and screens with an old toothbrush.

Do all sprayer cleaning and rinsing where the rinse water will not damage vegetation, or run into and contaminate water sources. Where protective clothing is worn while mixing and spraying, WEAR IT while cleaning out the sprayer! Check your labels for details on this.

You may wish to remove all traces of a particular herbicide from a sprayer. This is most important where you have previously used "hormone-type" weed killers as 2,4-D, MCP, etc., and you now want to apply insecticides to a forage crop. Certain herbicides cannot be satisfactorily removed at all from any spray equipment. Check the list on the following page.

Certain hormone-type herbicides, listed as "E" can be cleaned out fairly well with special treatment. Fill the tank almost full with clean, preferably hot water, then add the cleansers to be used in the order given. Run pump to thoroughly agitate cleansing solution in tank, then circulate solution throughout the rig. Shut off rig; let solution stand for 24 to 48 hours (12 to 24 hours with hot water) before draining and then rinse with clear water.

For amine and salt forms of herbicides (consult label) as 2,4-D, 2,4-DB, 2,4-DP, MCPA, Sesone, etc., add one of the following to each 100 gallons water used: A. 1 gal, household ammonia or B. 2 lb. lye (sodium hydroxide) or C. 5 lb. sal soda (sodium carbonate or washing soda).

For ester and oil soluble forms of such herbicides (consult label) as 2,4-D, 2,4-DB, 2,4,5-T, 2,4,5-TP, etc., add one of these to each 95 gallons water used: A. 2 lb. lye or B. 5 lb. sal soda, then add soap or emulsifier, then add 5 gal. kerosene or diesel oil or C. 5 lb. trisodium phosphate (TSP), then add soap or emulsifier, then add 5 gal. kerosene or diesel oil.

#### DIRECTIONS FOR CLEANING OUT HERBICIDES

Find herbicides listed below then see proper lettered paragraph for instructions. For specific, detailed information: READ THE LABEL.

- A. Rinse with plenty of water.
- B. Rinse with water plus detergent, flush with clean water several times.
- C. Rinse with water plus ammonia, flush with clean water several times.
- D. Do not allow spray solution to stand or dry out in equipment. Rinse with water.
- E. Rinse with detergent. Equipment should preferably not be used for application of other insecticides or fertilizers.
- F. Rinse with water. Drain. Refill with water, let equipment stand overnight before draining.
- G. Rinse by flushing with several changes of water. Do not use equipment for spraying selective herbicides, insecticides, fungicides or fertilizers as plant injury may result.
- H. Wash out with soap or dilute caustic. Rinse with plenty of water. Do not use equipment for spraying other pesticides as per G above.
- I. Rinse with water. Use extreme caution! Highly toxic.
- J. Not soluble in water, rinse equipment with acetone.

Alanap (A)	Brominil (A)	Dyanap (A)	Paraquat (A)	Sutan (B)
Ametryne (A)	Brush Killer (E)	Dymid (B)	Patoran (B)	2,4,5-T (E)
Amiben (A)	Buctril (A)	Endothal (A)	Pernate (E)	2,4,5-TP (E)
Amino Triazole (A)	Butoxone (E)	Enide (B)	Pramitol (A)	TCA (A)
Amitrole (A)	Butyrac (A)	Eptam (B)	Premerge (C)	Telvar (A)
Amizine (A)	Caparol (D)	EPTC (B)	Primaze (D)	Tenoran (B)
Ammate X (A)	Casoron (A)	Erbon (A)	Princep (A)	Tillam (A)
Amtox (E)	Chlorlo IPC (A)	Gesamil (A)	Prometone (A)	Tordon (G)*
Ansar (A)	Cinbar (B)	Gesatop (A)	Prometryne (D)	Treflan (B)
Aquathol Plus (E)	Cytrol (A)	Hyvar (G)	Propazine (A)	Tupersan (B)
Atlacide (A)	2,4-D (E)	Karmex (B)	Radapon (A)	Ureabor (A)
Atrazine (A)	2,4-DB (E)	Knoxweed (E)	Ramrod (B)	Urox (B)
Azak (A)	2,4-DP (E)	Lasso (B)	Randox (B)	Vege dex (A)
Balan (B)	Dacamine (E)	Londax (B)	Rhonox (E)	Vernam (A)
Banvel D (E)	Dacthal (A)	Lorox (B)	Sesone (E)	Weedar (E)
Banvel T (E)	Dalapon (A)	MCP (E)	Silvex (E)	Weedazol (E)
Baron (A)	Dicamba (B)	MCPA (E)	Simazine (A)	Weedone (E)
Benzabor (H)	Diuron (B)	Mecopar (F)	Sinox PE (C)	Zobar (G)
Benzac 354 (G)	DNBP (C)	Mecopex (F)	Sodium Arsenite (I)	Zotox (B)
Benzac 1281 (H)	Dow Premerge (C)	MH-30 (A)	Sodium Chlorate (A)	Zytron (A)
Betasan (A)	Dowpon (A)	Monuron (A)	Solan (J)	*add ammonia
Borascu (A)	DSMA (A)	Natox (E)		

#### PREVIEW FROM THE NATIONAL

In the May issue of THE GOLF SUPERINTENDENT, Jerry Dinelli, superintendent of Northmoor Country Club in Highland Park, Illinois, demonstrates how he has put modern electronic communications to work for him (and the members of his club -- every golfer is as close to a "telephone" as the nearest maintenance vehicle. . .)

COMING EVENTS

<u>Date</u>	<u>Place</u>	<u>Host</u>
May 7	Bethesda C. C.	Grafton Lumsden
June 4	Pending	
July 9	Chestnut Ridge C. C.	George Cleaver, Pres.
Aug. 6	Princeton Turf Farms	Parker Sterling (picnic)
Sept. 10	Turf Valley C. C.	George Riddle
Oct. 1	Norbeck C. C.	Bill Livingston (tourn.)
Nov. 12	Army & Navy C. C. Arlington	Dell Hamersley
Dec. 3	Crofton C. C.	Lee Redman

**Team up with ARMOUR  
for a championship course**

For *Professional Turf*, look to Armour for a complete line of golf course fertilizers and turf protection products. Vertagreen Tee-Green, Tournament, Vertanite, and Vertagard Turf Protection Products team up to put your course in championship form. Every product recommended as part of the Professional Turf Program is made *especially* for golf turf. Every product is backed by Armour research and the services of your experienced Armour representative. He's a "pro" when it comes to turf.



**ARMOUR AGRICULTURAL CHEMICAL COMPANY**  
P.O. BOX 1685 • ATLANTA, GA. 30301

"As improvements in maintenance are effected, the need for greater control over manpower increases. It has become virtually impossible for a superintendent to keep a steady watch over all the day's work; yet this is needed to maintain high efficiency and to get the greatest possible return on manpower and equipment expenditures. Even with the aid of small vehicles, a superintendent still cannot be in two places at one time, and there are numerous occasions when this is necessary on the golf course. But this problem is quickly being erased as the Citizen Band Radio is used to a larger extent. With the practical, standard C.B.R., today's golf course superintendent is now within speaking distance of all his men."

**SUPERINTENDENT KELLOGG PREPARES OAK HILL CC FOR '68 USGA OPEN**

"Fortunately, for both Oak Hill and myself, I had been through the 1956 USGA Open at Oak Hill, as assistant to Elmer J. Michael, who, last year, received the USGA Green Section Award for distinguished service to golf through work with turfgrass. . .

"January 1, 1966 was the beginning of two years of changes; preparation for all of the hundreds of problems which occur when you host a major tournament. . .

"The following spring, the weather broke early in March and I thought, 'Here is the break I need to get an early start on the construction projects.' But in early April, Mother Nature decided we hadn't had enough snow and proceeded to prove it with two more 10-inch falls, three days apart. This held things up until late May. Then, when it did break, so did the golfers--right to the first tee. . ."

**MID-ATLANTIC News Letter**

1306 Mimosa Lane  
Silver Spring, Md.



— LAW DAY U.S.A. —  
FREEDOM UNDER THE LAW  
MAY 1



**Mr. George Cleaver**  
Box 121 A  
Lutherville, Md.