

Get a Cresline
PERMANENT WATERING SYSTEM
 for your course!



LOW INITIAL COST!
EASY TO INSTALL!
NO MAINTENANCE!

There is a best plastic pipe for your terrain and length of course! Crescent Plastics will recommend the proper pipe for your needs — based on years of pioneering plastic pipe applications for all cold-water systems.

Don't be satisfied by anything but the best — made from virgin materials and

engineered right for permanent, trouble-free usage.

Send the coupon below for the facts about golf course water systems. No obligation — we'll be glad to help you plan an economical system to keep your fairways, greens and tees luxurious and green for next season.

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MAIL THIS COUPON TODAY



**CRESCENT
 PLASTICS, Inc.**

955 DIAMOND AVENUE
 EVANSVILLE, INDIANA

GOLF COURSE TECHNICAL PLANNING DEPT.
 CRESCENT PLASTICS, INC.
 EVANSVILLE, INDIANA

- Please make engineering suggestions and figure costs on attached plan.
- Send more data on Cresline Pipe.

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Applied in the Fall,

DU PONT

**"... improved turf density,
general appearance
and uniformity of texture,"**

says Thomas Topp, *Superintendent,*
Bellevue Country Club, Syracuse, New York

"We use 'Uramite' as the base of our fertilization program," Mr. Topp continues. "Last fall and this spring we applied 12½ lbs. of 'Uramite' per 1,000 sq. ft. to all greens and tees. This spring we put 280 lbs. of 'Uramite' per acre on the fairways. By July 1957, we already had more compliments from members on the fine condition of the turf than ever before."



"Uramite"—the nitrogen with built-in control

Du Pont "Uramite" is 38% nitrogen—from methylene ureas of the highest quality. Applied this fall or next spring, "Uramite" resists leaching, supplies nitrogen uniformly, assures your turf long-term, sturdy, healthy growth and vitality. Uniform granules of Du Pont "Uramite" are free-flowing, clean and completely odorless.

E. I. du Pont de Nemours & Co. (Inc.), Polychemicals Dept., Wilmington 98, Del.

URAMITE[®]

FERTILIZER COMPOUND

"... helped winter our problem greens for better spring growth and color,"

says J. Firth, Superintendent,
Lakeview Golf Course, Lakeview, Ontario

"In November 1955, 'Uramite' was applied on two problem greens at the rate of 10 lbs. per 1,000 sq. ft. In spring 1956, these two greens showed marked improvement in richness of color and growth. We next applied 15 lbs. of 'Uramite' per 1,000 sq. ft. on all greens in June as the only fertilizer in our summer program. Throughout the summer, all greens had beautiful, rich color and very uniform growth."



"... lasts a long time, so fewer man-hours are tied up in applying fertilizer,"

says Alex Spence, Superintendent,
San Diego Country Club, San Diego, California

"I first applied 20 lbs. of 'Uramite' per 1,000 sq. ft. on all greens and certain tees in May 1956. In September, I used 10 lbs. per 1,000 sq. ft. Results suited me and club members just fine. I can apply 'Uramite' any time without having to water right away. Because it's clean and odorless, players don't complain. 'Uramite' helps grass grow steady, so mowing is more uniform, and color is good even through the hot summer."



**See Your Supplier for the Highest-Quality,
Long-Lasting Nitrogen Fertilizer . . .**



REG. U. S. PAT. OFF.

URAMITE[®]

FERTILIZER COMPOUND

BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

Future Masters Is Remarkable Tourney

Dothan Residents Board Youngsters While They Compete for Golf Glory

The Press Thornton Future Masters, recently played at Dothan CC in Dothan, Ala., was again the successful Junior golfing jamboree that Pro Telfair Ghioto, who runs the tournament, has been making it for the last eight years. Nine states and 50 cities were represented in the field of 175 which probably would have been twice as large had it not been necessary to place limitations on the number of entries.

Bill Ploeger with a 69-70-73-212 won the 17-18-year old title; the 15-16 champion, Bill Ferris, Pensacola, shot the best score of the entire tournament, 68-70-73-211, to win his division; 13-14 honors went to Chip Lyman, Baton Rouge, with a 75-72-147; the 11-12 tourney was won by Bill Dudley of Tampa, who had an 80-79-159; while Ronnie Burch of Prichard shot a 93 to prevail among the 10-and-under division. 12-year-old Bobby Jones of Perry, Ga., added an extra fillip to the tournament by getting an ace on the 143-yard No. 3 hole.



Bill Ferris

Club Shares Expenses

Almost as remarkable as the kind of golf played in the Future Masters is the manner in which the three-day tournament is staged. The Dothan club donates \$500 to underwriting tournament expenses and entertaining the kids while many townspeople volunteer to give the youngsters board and room during the three days they are in town. Local dairy firms provide all the ice cream the kids can consume and all the milk they can drink. Assisting Ghioto with arrangements and handling of the Masters was the Dothan CC Ladies Golf Assn.

Most illustrious graduates of the tournaments are Dave Ragan, now playing the PGA circuit, and Cecil Calhoun of Columbus, Ga. who won this year's Southern Intercollegiate.



Jerry Adams of Wichita is met at plane by Telfair Ghioto (r), the man behind the Future Masters, and Quin Flowers.



Jerry Adams (l), Wichita, Kans., and William Adams (r), Columbus, Miss., are guests in home of Mr. and Mrs. Charles Dunseth while in Dothan for the tournament.



Tournament players get their vitamins as local dairy supplies free milk.

New Format for National Golfer

September issue of *The National Golfer*, formerly *The Golfer*, came out with a brand new format and cover in color, both features which will be retained in future issues. Helen F. Lengfeld continues as editor and publisher of the monthly and Nelson S. Cullenward, San Francisco Call-Bulletin golf writer, is its new managing editor.

**THE PRIDE
OF ANY
GOLF COURSE...**



Ball Washer

Here at last is a ball washer designed for long life and efficiency. PAR-AIDE is made of durable vinyl coated cast aluminum. The tough Tynex crimped nylon brushes set in rubber will wear for years and years. Movement of the spiral agitator creates a spinning action that rotates the ball uniformly cleaning its surface.



PATENTED



BALL TYPE TEE MARKERS
Light weight plastic markers are 4" in diameter. Aluminum tee markers have a 5" diameter and are coated with baked enamel. Ball type markers are available in red, blue and white. Stakes are permanently cast into the markers.



PAR-AIDE CUSTOM TEE MARKERS
These markers are cast of non-corrosive aluminum coated with weather proof baked enamel. Course name, hole number, yardage handicap and par information are highlighted in buffed aluminum face surface. Available with 30° angle stand for ground setting or with bracket for mounting on 2" pipe. Comes in five standard designs and in colors of red, blue, green, orange or black. Styles made to your design available at extra cost. (Prices on request.)

PAR-AIDE TEE MARKER UNIT

Now you can furnish your tees with a unit that can be stationary or portable for convenience in moving with tee changes. Players have ball washer, towels, club rest, and course information in a single unit. Simplify course handling around the tees with the new Par-Aide Tee Marking Unit.

SAVE TIME AND MONEY

—PUT PAR-AIDE PRODUCTS TO WORK

PAR AIDE PRODUCTS CO.

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Uniforms for Maintenance Crew

San Jose CC, Jacksonville, Fla., has outfitted each member of its maintenance crew in forest green uniforms which carry the name of the club and the employee over the shirt pockets. Dan L. Hall, Jr., supt., who suggested the idea to his green committee, feels that the uniforms help distinguish maintenance employees from caddies, gives members the opportunity to call employees by name and creates the right eye appeal.

Motorist, Struck by Golf Ball, Awarded Damages

A decision that deserves careful consideration by every club with a course bordering closely on a public highway was handed down recently in the New York Court of Claims. The driver of a car on the highway, who was passing the Battle Island GC, was awarded damages when she was hit on the wrist by a golf ball. And, it was no mere private club that was held responsible. Battle Island is owned and operated by the sovereign state of New York.

The 18th hole of the Battle Island course parallels Route 48 between Oswego and Fulton. The driver of the car, Sylvia Farley Townley, was hit on the wrist by a wildly driven ball while she was signalling for a right turn. She brought suit against the State contending that the driving of golf balls on or across the highway, something that was fairly frequent during more than 25 years that the state had operated the course, constituted a public nuisance to travelers using the highway. "With this the court agrees," says the opinion.

Pointing out that the public is entitled to "free and unmolested use of the highways," the court continued, "the game of golf, itself, is not inherently dangerous. In the case at bar, however, the evidence established that the state had notice of golf balls landing on or across the highway. It

was surely within the realm of foreseeable possibility that golfers might drive a ball into the stream of traffic along the highway. This possibility presents the element of danger."

State Should Recognize Danger

The court further observed that the state's failure to erect protective devices to eliminate this element of danger "created a hazard of which the state in the exercise of reasonable diligence should have been aware."

Although holding the state liable for injuries to persons lawfully using the highways and decreeing that an award should be made, the reported decision fails to satisfy the curiosity of those who would like to know what a blow on the wrist from a golf ball is worth in cold cash. It does not mention the amount awarded.

Gowanda CC Is Model of Small Course Construction

Superintendents and professionals in western New York are commenting with high favor on the excellence and economy of the job done in building the new 9-hole Gowanda (N.Y.) CC. Al Schardt, supt., Wanakah CC, Hamburg, N. Y., designed and supervised construction of the layout. W. Peters is construction supt.

Schardt is a veteran who started as one of the lads under Rockefeller at Inverness in Toledo.

The Gowanda site was selected in April, 1956. It's rolling ground with woods and a stream. Site is irregular and permits placement of holes so there is plenty of room between them and ample practice area. Fourth tee also is near the clubhouse.

Work on the course started in June, 1956. Fairways were seeded before the third week in September and were cut twice before the first snowfall, Nov. 28.

About 5,000 ft. of pipe line were installed and underground sprinkler heads were located at all greens and tees. Two spring-fed ponds with approximately 2,000,000 gal. storage were built. Cable for pumps was run underground 1400 ft.

For drainage, 4,500 ft. of tile was installed.

Details on Grass

All fairways were treated with 800 lbs. 5-10-5 per acre. Fairways were seeded with 30 per cent Kentucky bluegrass, 35 per cent creeping red fescue, 20 per cent Colonial bent and 10 per cent domestic rye.

Greens were surfaced with 8 in. of prepared top soil containing coarse sand, peat moss and organic fertilizer.

Greens were seeded with 50 percent Seaside bent and 50 per cent Astoria bent at

the rate of 5 lbs. per 1000 sq. ft.

Due to cooperation of Gowanda businessmen and contractors, course cost was notably low and speed of construction was fast. An 11-ft. bulldozer, a 1-yd. high-lift and three trucks made up most of the equipment used in building the course.

Tractors, rough cutters, mowers and small tools for maintenance were bought and used early so the course was in good, cleaned-up condition for the opening.

Schardt went at the job with the idea of developing a pattern for smaller course construction that would be as small as practical without leaving the job so it would be unsatisfactory to play and difficult to maintain at the degree of condition the players on 9-hole courses now expect.

Golfdom's advertising and editorial staff doesn't exactly hibernate during November and December; neither does it publish the magazine during these two months. That should give everyone connected with the publication time to thank those who have helped make 1957 another successful year, but in case anyone is missed, we're expressing our thanks right here. See you in January, 1958!

ROLL-AERATOR

Now, for the first time, Aerifying Root Pruning and Cutting greens ALL in one operation.

Roll-Aerator is specifically designed to operate perfectly on the Jacobsen and Toro greens mowers.

Roll-Aerator is easily installed with two bolts and two springs. Requires about one minute to put in or remove.

Does not affect the height of cut. Will not tear surface of the green. Eliminates messy after cleaning. Can be adjusted for cutting only. No need to remove from mower unless so desired.

Makes 30 holes per square foot. Maximum depth 1 1/4 inches. This will amply penetrate mat. Also very useful in preparing areas for reseeded.

Hardened steel spikes and treated wood rollers are free on shaft to rotate independently of each other.

Greens-Mower SPIKER



Comes complete with reinforced, heavy gauge galvanized grass catcher which may be removed and replaced with one hand.

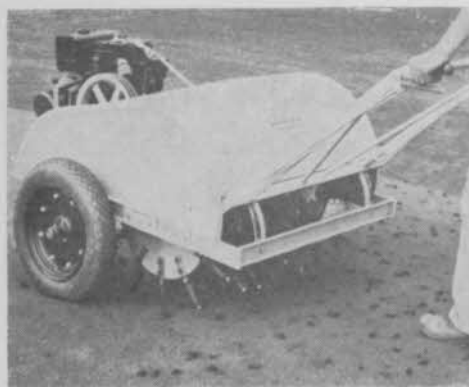


Ask your Jacobsen and Toro dealer.
**ROLL-AERATOR
COMPANY**

17 Spruce St.
Framingham Center,
Massachusetts



Modern Turfgrass Tools



Greens Aerifiers*

West Point Greens Aerifiers, the G-L and the Junior G-L have power on the cultivating reel and power on the transport wheels. They are easy to handle . . . have quick, simple depth adjustment. The G-L Model, shown here, is equipped with brake and cultivates a 24" swath. The compact Junior G-L cultivates a 20" swath.

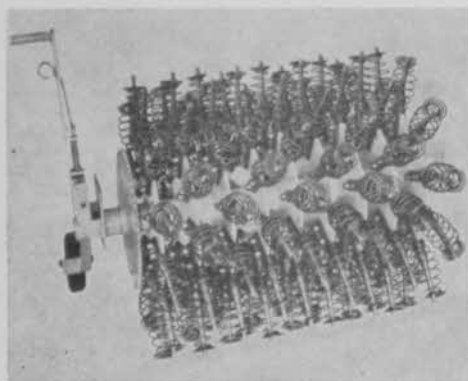
Greens Mower

The West Point ATCO Greens Mower has a 12 blade Sheffield steel reel that is laminated to resist abrasion. It is equipped with Briggs and Stratton 8B engine . . . has drop out roller and reel, scraper bar for rear roller. Height of cut adjustable from 1/8" to 3/4". Unusually sturdy construction, yet ATCO weighs only 145 lbs.



Super Reel

West Point's new SUPER REEL provides four-way aeration in one operation. In addition to having many more spoons, the SUPER REEL has accurate depth adjustment for absolute control of cultivation. Available for the power-driven Aerifiers: G-L, G-L 2 and Junior G-L. Can be equipped with 1/4" open, 1/2" open and 1/2" thatch Aerifier Spoons.

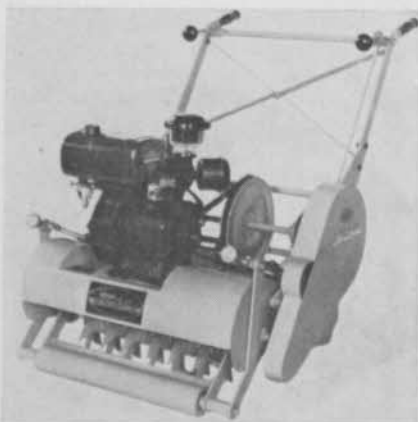


OTHER PRODUCTS produced by West Point include the Aeri-Dryer . . . Aer/Lift Trailer . . . Turf Pluggers . . . Soil Samplers . . . Tissue Test Kits. West Point also distributes CRAB-E-RAD, the safe, selective crabgrass killer. Write for literature.

from West Point

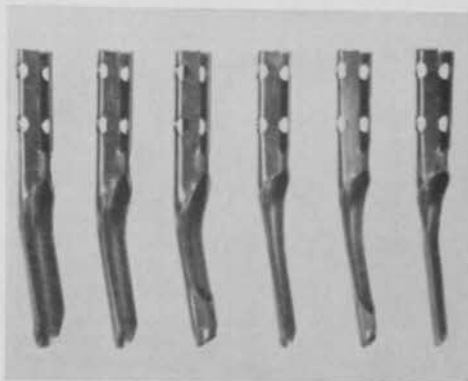
Fairway Aerifiers*

There are four West Point Fairway Aerifier Models. The Grasslan, shown here, cultivates a 6' swath, as does the Tractor-Lift Model. The F-G Aerifier cultivates a 3' swath and is often used as a Triplex Gang. The cultivating width of the Model "U" is 4½'. All, except the Tractor-Lift, are hydraulically controlled.



Aerifier Spoons

There are six different Aerifier Spoons, ranging from the heavy-duty 1" open for fairways to the 1/4" open that is especially designed for use on greens when more thorough cultivation is considered impractical. Thatch spoons come in 3/4" and 1/2" sizes . . . are used to cut through thick layers of surface material.



Verti-Cut Mower

The West Point Verti-Cut blades cut down into turf to trim through runners and outspread leaves. Verti-Cutting overcomes grain, controls thatch and limits the spread of crabgrass. The Verti-Cut is used to crumble soil cores after aerification. It has quick, easy adjustment to change from Verti-Cutting to spiking position.

West Point Products Corporation

*Reg. U.S. Pat. Off.

West Point, Penna.

Says 9-Hole Owner Must Run Concessions, Pro Shop to Operate at a Profit

Successful operation of a 9-hole, semi-private club can't be merely an April through September proposition even if it is located in such a far northerly clime as Ottawa, Ill., according to Mike Sipula, pro-owner of Pine Hills GC in that city.

Besides keeping the course in shape for play at least 10 months of the year and making clubhouse facilities available the year around, Sipula points out that there are many other demands the pro-owner must face up to if he is to continue operating profitably.

For one thing he must become resigned to working a 14-15 hour day during the busy season and then taper off to about 8 or 10 hours when the lull sets in. It doesn't hurt if he is something of an electrician, plumber, painter and has been checked out on perhaps two or three other trades; has a family large and interested enough to help him run the business; and finally, and probably most important, runs the various club concessions himself in addition to operating the pro shop.

This latter point, in Mike's estimation, means the difference between victory and defeat in his business.

Mike Sipula is a fine example of the ruggedly individualistic small businessman who is putting himself out far more than the average fellow in order to make a living. A combination of love of work and the profit motive keeps him rooted in Ottawa. A man in Mike's position has a large degree of independence but he is the first to concede that his is pretty near a 24-hour, 365 day working year. Although there are more than 1,150 semi-private courses in the U. S. similar to Pine Hills, it's safe to say that there are no more than a few hundred Mike Sipulas.

35 Years Here

Sipula's life has been centered around Pine Hills for the last 35 years. He caddied there as a kid, became assistant professional when he was 17 and in 1941, in partnership with two other men, bought the property. After the war it was decided that three partners couldn't make livings out of the course and so Mike borrowed money and bought the interests of the other two.

Pine Hills' main clubhouse is located atop a bluff and, for the most part, is rented out only for social affairs. A second and smaller clubhouse, at a lower level, was expanded from the original pro shop and

now has a kitchen, dining area and locker room. It's the hub around which most activity revolves. As handy with a hammer and saw as he is with a 7-iron, Sipula handled most of the construction work himself in enlarging what he refers to as the No. 2 clubhouse. More additions will be built here in the next two or three years.

Mike's wife, Ellawyn, a comely and extremely energetic person, runs the food and beverage concessions at both clubhouses and has had enough acumen to have turned a substantial profit from these enterprises year in and year out. When the large clubhouse is rented for social events, Mrs. Sipula recruits women in the Pine Hills neighborhood to assist with the catering and thus is able to get along with very little permanent help.

Another invaluable employee at Pine Hills is Mike Sipula, II, a 16-year-old high school lad who does a good job of filling in for his father or mother when the need arises. Young Mike not only handles customers well in the pro shop but is a competent fry cook. He also hits a long ball and plays Pine Hills in close to par. Besides Mike II there are three other boys in the Sipula household who will be moving up to get their Pine Hills business education in a few years.

Family Big Help

Discussing the economics of his business, the elder Sipula points out that it takes family cooperation to make a business such as his pay. Nearly 15,000 rounds are played at Pine Hills in a year's time but revenue derived from daily fees and season tickets is almost completely absorbed in upkeep and payroll expenses. As it is, there are six regular outside employees, three of whom are year-around maintenance men, at the Ottawa course. When their paychecks are deducted from the gross it becomes evident that the pro-owner has to look for all possible ways and means of salvaging some profits for himself. The family's willingness to pitch in and work helps him to do this.

Sipula does a much better than average volume of business at his pro shop, especially for a 9-hole course. His inventory at the beginning of the season is in the neighborhood of \$13,000 and, as several manufacturers' reps will tell you, a lot of merchandise is sold at Pine Hills. Sipula says it has taken at least 10 years of steady plugging to develop the kind of goodwill that brings the golfer to his shop to buy without first shopping around for the equipment he's interested in.