Turf Maintenance Specialists Since 1939

Liqua-Vita Liquid Fertilizers

Special formulas for varying turf needs

- 1 Thiram 75 in 1 lb. soluble bags
- 2 Blitz 10 PMA
 Phenyl Mercuric Acetate
- 3 Blitz 48 Chlordane
- 4 Chelated Iron Complex

- 5 Denol DSMA
- 6 Penetrol Wetting Agent for deeper water penetration
- 7 X 15 Trace Elements
- 8 2, 4-D 2, 4-5T

9 - Kro-Foot-Kil

positively kills silver crab without damage to turf

DISTRIBUTORS

for practically all fungcides in common use

SMITH MEASURE MIX PROPORTIONER

HUDSON SPRAYERS

HYDROMIX PROPORTIONER

HAYES FERTL-RAIN SYPHON

WRITE FOR DETAILED INFORMATION AND PRICES

American Liquid Fertilizer Co., Inc. Rokeby Chemical Company

Marietta, Ohio

"AGRICO"

for the last



"It is now said we have the finest greens, tees and fairways this course has ever known. Agrico turf fertilizers and Agrinite have been mostly responsible for the accomplishment of this goal."

16 years is a whale-of-a long time for the use of any fertilizer on any golf course. Yet, Agrico and Agrinite have been used exclusively on hundreds of courses continuously for years and years with remarkable results. This loyalty attests to the consistent high quality and analysis of every single bag of Agrico and Agrinite.

ORDER AGRICO NOW...make sure that your fertilization program is well balanced, extra-effective, too. Use Agrico Country Club—supplement it with AGRINITE, the 100% Natural Organic Nitrogen Fertilizer. See your regular Agrico Dealer, or write The American Agricultural Chemical Co., 50 Church St., New York 7, N. Y.

AGRICO®

America's Premier Golf Course Fertilizer

AGRINITE®

the Better, 100% Natural Organic Fertilizer

improve muny course at suggestion of Bobby Knowles, chmn., Chamber of Commerce Sports Committee . . . Knowles says course in better condition would get desirable tourists stopping over . . . Sulphur, Okla., figuring on 9-hole course to plans of Floyd Farley.

Cedar City, Ut., City Recreation committee conducts group lessons getting players ready for 9-hole course the city plans to build soon . . . Bayles Lake Development Co. to build course at Paxton, Ill. . . . Government's 20 per cent tax bite on new construction halts plans for building San Pablo CC at Jacksonville Beach, Fla.

Fanciest program of a club's amateur invitation tournament is the leather-covered job illustrated by Reg Manning for Arizona CC at Phoenix . . . Winged Foot lengthening its West course for 1959 National Open . . . West course is the one on which Bob Jones won National Open in 1929 . . . USGA Women's Open at Winged Foot this year was played on the East course.

Willie Roeburn and Ken McCrea, two recent arrivals from Scotland, are now members of the Michigan and Border Cities GCSA... Willie, who attended Horticulture College in Prestwick, is restoring Brae Burn and building a new 9... McCrea is helping to restore Lock Alpine GC which has been idle for 10 years... Continuing on the reconstruction theme, Audrey Whitmore, Jr., has done a great job for Jack Fleck and Dale Weitzel in bringing back Rochester (Mich.) G & CC... Paul Hahn keeping trick shot dates in Hawaii, Australia and Far East during Oct. and Nov.

Dave Juarez has left San Jose CC to take over as head pro at new Bakersfield Country-side GC... Northern Calif. PGA Open at Diablo CC, Nov. 18-22 will be a \$5,000 event... To put up this kind of money, the tournament committee is asking help of member pros to line up advertisers.

The USGA Walker Cup team's 8-3 victory over the R&A team had about the uncertainty of the Patterson-Rademacher fight . . . Nobody seemed to have any doubt about the outcome but there were exciting moments in the competition.

Again it must be said for the British golf team that the contests were closer than the scores indicated . . . But with the USGA team winning 15 of the 16 Walker Cup affairs since they were started at Hoylake, May 21, 1921, the main reason for continuing them is social . . . With all due glory to the spirit of the contestants, the Walker Cup matches don't rank in American sports as a major event although the competition at Minikahda probably came close to setting an attendance record for the matches in the U. S.

The British press had almost as many golf writers filing copy from Minikahda as there were writers from American newspapers outside the Minneapolis-St. Paul area.

Competition was exciting in many spots . . . The galleries at Minikahda were enthusiastic and fair . . . A lot of them were pulling for the British team, figuring that the Britishers



Jacobsen

GREENS MOWER even better!

Even though the Jacobsen Greens Mower has been judged tops in performance, durability and easy handling by experienced Golf Course Superintendents for years, Jacobsen engineers are never satisfied. The Model 9A Greens Mower performs even better.

- Power has been stepped up. It is equipped with a 3.0 hp Jacobsen-built Hi-Torque engine for smoother starting and acceleration on the green. Mounted horizontally for low center of gravity and easy handling. Famous for long life, minimum maintenance.
- Simplified Main Drive Clutch, completely re-engineered for simplicity and durability.
- 5 inch Diameter Reel. 9 tough heat-treated chrome nickel alloy steel blades, specially designed for today's smooth-texture greens. Turf slicer attachment available.
- Balanced Design. Mower weight is evenly distributed over entire length of rear roller, with balance point at center—for even, smooth greens.
- All Chain Drive, prevents slippage, eliminates uneven cutting.
- Cutting Height—low, 1/6-inch; high, 11/6-inch. Quickly adjusted with easy turning hand wheels on each side of frame.
- . Plastic Grass Catcher, standard equipment.

ACCORDED NOTICE OF THE PARTY OF

Ask for a demonstration. Prove its better performance yourself.

JACOBSEN MANUFACTURING COMPANY

Department G-10, Racine, Wisconsin

SUBSIDIARIES: JOHNSTON LAWN MOWER CORPORATION, BROOKHAVEN, MISS., WORTHINGTON MOWER COMPANY, STROUDSBURG, PA.

October, 1950



MADEWELL PRODUCTS, INCORPORATED
3129 EAST 7TH STREET . OAKLAND 1, CALIFORNIA 3

were outmatched and needed some vocal support . . . The weatherman was the villain, the one character in the show who lacked sportsmanship . . . The afternoon of Friday, during the doubles, the rain poured . . The singles on Saturday, Aug. 31, were played in wilting heat and humidity that reminded one of that miserable sweating spell of weather at Minneapolis when Bob Jones was winning the 1930 National Open.

Putting was very spotty . . . British team seemed to be a bit more wristy than our fellows . . . Pros watching the matches were rather surprised at wildness of British drives . . They had thought the famed, untamed rough bordering British fairways would teach the invaders to be straighter with tee shots . . . Britishers were about as long off the tees as their American opponents . . . British team played a ball of USGA specifications.

Barring a few spots where poa annua was out of fairways Minikahda was in perfect condition . . . Totton P. Heffelfinger, former pres., USGA and Chmn. Walker Cup committee of Minikahda, paid high credit to Idon Haugen, veteran supt. and his asst., John Kolb . . . Weather was dangerous for golf turf frequently during July and August in the Twin Cities area but Haugen and his staff brought the course through the peril.

Haugen was a protege of the famed Charley Erickson, Minikahda supt, away back when the supts, were called greenkeepers . . . Char-

PLAN **NOW** FOR NEXT SEASON'S MAINTENANCE NEEDS!

Replace Worn Hose With

VIRGIN VINY

Capon



WHITE PLASTIC WATER HOSE

- Glass smooth, inside and out to assure full flow of water or fertilizer solution
- 30% lighter; low drag resistance minimizes greens damage
- Heavy duty precision machined brass couplings attached with stainless steel bands. GUARANTEED to stay on
- Lasts longer; tough vinyl resists abrasion; 10 times rubber's life
- Permanently imprinted with club's name. Contact your Golf Supply House

HOSE

COBON PLASTICS CORP.

4246 LAFAYETTE ST. NEWARK 2, N. J.

MArket 3-5383

- Gleaming white; high twilight visibility
- Non-aging; won't crack, peel, rot

Available in 34" and 1" diam.

Letters Pour in Praising Terra-Lite® vermiculite



SOIL CONDITIONER

Surprised, pleased greens superintendents tell you: "Hold shots better... have springy sod, deep-rooted grass... in wet or dry weather...with less maintenance."

Read how successful greens superintendents condition loose or clay soil, letting millions of air-and-water-holding granules of sterile all-mineral Terra-Lite vermiculite promote quick, dense, deep grass growth. Mail coupon now for FREE greens superintendent literature.

"SHOTS HOLD BEAUTIFULLY. ROOTS DOWN 8 INCHES." Rob't M. Scully, Supt., Wampanoag Country Club, West Hartford, Connecticut.

"FINE ABSORPTION, WHICH MEANS LESS MAINTENANCE," M. L. Frances, Supt., Lowell Country Club, Lowell, Mass.

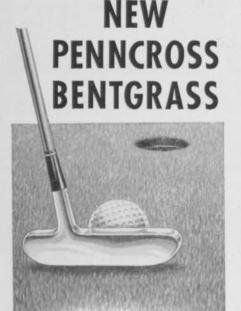
"EASY TO HANDLE AND MIX. EXCELLENT PENETRATION," Nicholas Cassa, Supt., Country Club of Harrisburg, Harrisburg, Pa. "PLUGS REMOVED FROM MY TERRA-LITE GREENS GIVE VISUAL EVIDENCE OF ITS ABILITY TO LAST," Homer L. Mitchell, Supt., Frankfort, Ind. Country Club.

"RELIEVES COMPACTION AND DRAINAGE PROBLEMS," E. Skaggs, Supt., Morainne Country Club, Dayton, Ohio.

"I USED TERRA-LITE IN BUILDING TEES, AND FOR REPAIR WORK ON GREENS. OBTAINED EXCELLENT RESULTS." Joseph Valentine, Supt., Merion Golf Club, Ardmore, Pa.

MAIL COUPON TODAY FOR FREE DATA FILE

Terra-Lite	ZONOLITE COMPANY, Dept. G-107 135 S. LaSalle St., Chicago, Ill. Send me helpful free data describing uses of
BRAND	Terra-Lite Vermiculite for golf course and turf conditioning. Name
VERMICULITE Soil Conditioner	Club
	City



Now...a superb greens turf from seed!

At last, a money-saving way to produce an ideally thick tight turf for golf greens! Results of 5-year trials show new Penncross Bentgrass superior to commonly used bents in density . . . disease tolerance . . . resistance to adverse weather and unfavorable soil conditions.

Available for the first time . . . in limited supplies.

See your distributor about Penncross Bentgrass. Or write . . . Jacklin Seed Co., Dishman, Wash., . . . or Northrup, King & Co., Albany, Ore.



lev died some years ago . . . His chmn., Henry C. Mackall, who encouraged and supported Charley in numerous ventures that pioneered modern and scientific course maintenance, was Hon. Chmn. of the Walker Cup committee . . . Ken Goit, official of the Toro Co. when the Erickson-Mackall team was in charge of the Minikahda course and now of the Soil-Aire Co., is a Minikahda governor, as is R. W. (Bob) Gibson, Toro Co. executive . . . Bob also is the club's house chairman.

Fifteen members of the Minnesota GCSA headed by pres. Carl Anderson, Woodhill supt. contributed their expert services in supervising greens and traps during the Walker Cup matches . . . Their expert repairing of the ball holes in the rain-soaked greens in addition to being helpful to the Walker Cup players was appreciated by Minikahda mem-

bers after the matches.

Jim Blair, Minikahda pro, was asst, to the late Bob Taylor who was the club's pro for 44 years . . . Jim came to the club in 1929 . . . He did an interesting piece for the Walker Cup program, a job that reflected the high class of the club . . . House business was very large at Minikahda during the Walker Cup matches . . . The house staff under Mgr. Alphonse Raes, served 2,000 lunches on Friday when rain seemed to have kept down attendance.

Paul Coates is architect of 9-hole remodeling job at Canby, Minn., where a sand green 40-acre course is being replaced with a grass green course on 90 acres . . . Fairways are the original prairie, buffalo grass, and are watered Some grassy hollows in fairways are tracks of the old Red River ox cart trail . . . Ramsey County Poor Farm at St. Paul, Minn., being converted into 18-hole public course under direction of Harold Goodrich, county director of recreation.

Records were made of the testimonial dinner to Jack Jolly and are being sent to Jack's pals, as far as the supply of records will go . . . D. Scott (Scotty) Chisholm, the dean of American golf writers and lively and colorful as a golf tournament announcer, recently celebrated his 80th birthday . . . Scotty has been in the U. S. 58 years . . . He has been playing golf for 71 years.

Fred Pignon, long the golf writer for the London (Eng.) Daily Mail, has retired and has been succeeded by Bob Ferrier who was at Walker Cup matches . . . Pignon was mgr. of the British Ryder Cup team in 1931 . . . He is widely known among American golfers and golf writers as one of the grandest fellows they've ever met and a great reporter.

Houston (Miss.) expects to open 9-hole course next spring . . . First month of play on Alameda (Calif.) 36-hole muny course, after second 18 was opened, had 16,975 rounds played with \$19,088.75 in green fees . . . Charley Eagle from Visalia (Calif.) CC to pro job at Wawona course in Yosemite National Park . . . Ben Wiles, owner of North Syracuse (N.Y.) GC, says second 9 will be opened next spring . . . Course was designed by Wm. F. Gordon

BAILEY DYNAMIC GOLF BALL PICKER

Newest and Most Improved of All Ball Pickers! More Pickup Speed - Larger Sweep!



This amazing new machine has rollers of durable pliable rubber which pick up the balls very lightly . . Has no wheels nor circular flanges to wear or mar the balls . . Easy on turf, no blind spots . . The entire 44" of one unit is the picking surface.

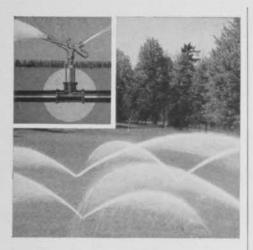
Each unit is mounted on two heavy steel wheels, with zero pressure tires. Can be used in series of 2-3-5-7 etc., depending on the volume of balls to be picked. Your replacement problem is over. Regulation size 3 units cover 11 feet . . More units can be added as needed to cover more ground. Quick attaching, faster pick up, durable, will last years . . Very flexible and follows the contours of rolling and rough ground. Can be had in junior or standard model.

WE HAVE A COMPLETE LINE OF GOLF RANGE AND MINIATURE COURSE SUPPLIES.

CATALOGUE MAILED ON REQUEST.

Eastern Golf Co. 2537 Boston Road, Bronx 67, New York

October, 1957 27



Let CARLON® help you get a *Trouble-Free* watering system

that's permanent, costs less

Carlon's sprinkling-system engineers can design a watering system for you that is easy and quick to install . . . that costs less than metal pipe and lasts years longer . . . that is trouble-free because Carlon Rigid Plastic Pipe is guaranteed against rot, rust and electrolytic corrosion. Each installation is individually-designed to fit your layout and watering problems.

Ask your Carlon Jobber for the complete story . . . or SEND IN THE COUPON BELOW TODAY!

INSIST on THE PIPE WITH THE STRIPE for a PERMANENT installation

CARLON PRODUCTS CORPORATION

WORLD'S LARGEST MANUFACTURER OF PLASTIC PIPE

□ Please have a C □ Please estimate	TS CORPORATION Cleveland 5, Ohio Carlon Sprinkling Engineer call. costs of watering system for
Name	t or topographic map.
	t or topograpnic map.
Name	t or topograpnic map.

and first 9 was opened in 1954.

Ontario, Calif., expects to start work soon on muny course designed by Harry C. Rainville . . . Councilman D. Pat Ahern says that night lighting of city's beaches and golf courses would be "best summertime business-getter this city ever has had." . . . Arcadia, Calif., Recreation Commission considering building 9-hole, par-3 course on city dump.

Ft. Lauderdale, Fla., selling 240-acre Ft. Lauderdale G&CC with 18-hole course for \$562,400 to Ft. Lauderdale Men's Golf Assn. after "friendly" suit to clear title . . . Pompano Beach, Fla., muny course limiting non-resident memberships to keep from getting added traffic because of neighboring Ft. Lauderdale muny club going private . . . Pompano Beach course expects that expenses this fiscal year will be \$97,261 . . . Pro Ray Daley says course will continue to be self-supporting.

Interesting piece on Cecil Smith, for 16 years supt. of Shawnee CC, Topeka, Ks., in Topeka Capital, telling about Cecil's work on fine turf at the course, on his own lawn and on the lawn of the Otterbein Evangelical United Brethren Church to which the Smiths belong . . Tonawanda, N. Y., planning 9 hole course . . Springfield, O., to have 18-hole course in Reid Memorial Park . . . Sulphur Hills Land Co., Sulphur, Okla., to build 9-hole course.

Mondak brothers, at 6868 Engle Road., Middleburg Heights, O., Cleveland suburb, plan to start building first 9 of 18-hole course soon . . . Peter D. Garner, now mgr., Martinsburg (W Va.) G&CC . . . Westview CC, Miami, Fla., expects to open its new 9 in December.

George Pladis now mgr., Richmond (Calif.) GC . . . Frank Vessels building 18-hole course at Dairy City, Calif. . . . John H. Kruse planning to build course at Madras, Ore. . . Lafayette, La. muny course to have new clubhouse replacing one burned in June . . Expect to have Mercer County (Trenton, N. J.) 18 hole course opened by June, 1958.

Alex Pirie, former president of PGA, now past his 80th year, is in good health again . . . Alex is living with his daughter and son-in-law, the James Marshalls, at 2536 Van Hise, Madison, Wis. . . . Marshall is Madison's supt. of parks . . . Packard and Wadsworth, LaGrange, Ill., are architects for remodeling of Calumet GC (Chicago dist.).

Les Scanlon, pro at Galex (Va.) CC reports that the first ace in 11 years recently was made on his course . . . Palm Springs (Calif.) Municipal Golf Course Committee selects a site for the city's new muny course . . . Alliance, Neb., recently opened second 9 of its muny course . . . James A. Hill, resigns as mgr., Desert Hotel, Couer d'Alene, Idaho, to be mgr., Manito G&CC, Spokane, Wash.

Program for Northern Calif. Open, to be played Nov. 18-22 at Diablo CC will contain articles by Bud Ward and Art Bell on teach-

GOLF PLANNING AIDS

. . to promote, organize or increase activity

Planning aids that give you the best and most practical information on the planning, construction and operation of all types of golf facilities and on the promotion and organization of golf activities.

Planning & Building the Cour	rse
8½ x 11 inches 32 pp. illustrated	\$1
Planning the Golf Clubhouse	
9 x 11 inches 96 pp. illustrated	\$9
Planning the Professional's Sh	ор
8½ x 11 inches 50 pp. illustrated	\$1.50
The Municipal Golf Course Organizing & Operating Guid	le
81/2 x 11 inches 128 pp. illustrated	\$3
Operating Data for Private Golf (Clubs
8½ x 11 inches 12 pp.	FREE
Golf Operators Handbook	
(Miniature Putting Courses, Driving Ranges, Pa	r-3 Courses)
81/2 x 11 inches 112 pp. illustrated	\$3
Planning Golf Events	
5½ x 8½ inches 24 pp.	50c
Golf for Industry	
8½ x 11 inches 56 pp. illustrated	\$1.50
Community Planning Gets A Golf Cou	rse

(35 mm Color Sound Slidefilm-22 min.)

	Please send me further information on "Golf Planning Aids."		
Name			
City		State	
October,	1957	29	

TO: NATIONAL GOLF FOUNDATION, 407 So. Deprhorn St.

Neumannis

FINE

LEATHER GRIPS

"KNOWN AS THE BEST"

In handsome, new twotones and multi-colors that make golf clubs easier to sell.

Available to golf club manufacturers directly from the NEUMANN tannery—known throughout the world for the best in leathers.

R. NEUMANN & CO.

Makers of Fine Leathers since 1863

HOBOKEN, NEW JERSEY

ing golf . . . That's a departure from the usual "How to Play" pieces . . . An article on salesmanship, slanted at pro readership, also will appear in the program . . . It's being written by Joseph Pape, who lectures businessmen in all fields regardless of the subject.

Fred Pignon, golf writer of the Daily Mail of London, manager of the British Ryder Cupteam of 1931 and highly esteemed as a reporter and gentleman by American tournament pros and golf writers, is retiring . . . Champion Paper Co. at its Hamilton, O. Canton, N. C., and Pasadena, Tex., plants

has 500 active golfers.

J. S. (Curly)) Hartman, 56, who has leased and operated the Rocky Point GC, Tampa, Fla., since 1953, died in a Tampa hospital, Sept. 4 . . . He came to Tampa from Mason City, Ia., where he was pro . . . He had served as Iowa PGA pres.

Keith Bowie of Colmar Manor, Md., won the driving contest at the US Junior Chamber of Commerce national boys' championship with a drive of 290 yds... Feat was rewarded with the Jimmy Thomson trophy... Nine-hole course (2,603 yds.) built at Canandaigua by AWS group headed by Mrs. Johnny

Dick Metz to be pro at Shady Oaks CC, new club in Dallas . . . Ed Dudley to be pro, at new Dorado Beach Hotel course, 25 miles west of San Juan, Puerto Rico . . . Course

PHILLIPS





The world's finest and best known.

Will not turn or break apart.

PRO'S CHOICE

F. C. PHILLIPS, INC.

STOUGHTON, MASS.