MODERN sharpens reel and bed knife ON THE MOWER!

Here's the easiest, quickest way to keep any gang or fairway mower sharp right in your own shop. The Modern Professional Lawn Mower Sharpener has two precision grinding heads—one sharpens the blades and the other the bed knife—grinds true to one 1/000th of an inch! YOU DON'T HAVE TO DISMANTLE THE MOWER! Do both sharpening operations without taking the mower off the sharpener—make mower adjustments at the same time. Blades are ground sharp to extreme edges and no hand filing is needed. Fourteen major improvements in this well known sharpener help you set-up faster and save you time on actual sharpening.

MODERN LAPPING MACHINES—here's a way to prolong a sharpening job to last an entire season. Heavy duty units (greens, fairway and gang mowers may be lapped on the job without disconnecting from frame or tractor unit. Lapping compound is included with this Modern Lapping Machine.

For complete specifications on the Modern Lawn Mower Sharpener and the Modern Lapping Machine, write to the address below. Remember, for modern efficiency and profit, sharpen your equipment the MODERN way.

FOLEY MANUFACTURING COMPANY
3451 Fifth St., N. E. Minneapolis 18, Minnesota
Ground Crews Have to Hustle

(Continued from page 85)

unprecedented snow. When this vanished in the spring, disease was rampant especially on those courses where no thought was given to snowmold treatment the previous fall. Fortunately, the Toronto area that has been plagued with so many winter problems in recent years, escaped widespread injury in 1961. Supts. there were quick to credit revised maintenance practices which included syringing greens daily as the snow melted off. It is worthwhile in their opinion even though the water lines must be drained each night to prevent freezing and possible breakage.

Fire Wagon Treatment

Tom Johnson, Lachute CC, Quebec, is envied by fellow supt.s for his easy method of “showering off” a green. Owner Gilbert Ayres’ new fire truck is constantly on guard against desiccation each spring. Jim Watson’s results in using plastic to cover dormant turf during the winter was so striking in 1959-60 that others tried it in 1960-61. At Kern Park in Milwaukee, Ray Greiten, cooperating with the Sewerage Commission, established plots on a ground area flooded each winter for ice skating. Before placing the polyfilm, some plots were fertilized, seeded and treated with fungicide. Other areas were also planted but not covered. The only turf to come through the winter was in the covered areas.

But at Brynwood CC the results were not good. Excessive growth took place and the cold spell that followed the first cutting killed the succulent grass.

Tests Show Some Promise

In the Toronto area the tests showed promise. Early greening and frost removal was good although covered areas seemed sadly in need of nitrogen six weeks after unveiling. In Montreal one course established plots on a putting green in May, shortly before the first hot weather hit. A weekend with 90 deg. days wasn’t good. When the plots were uncovered, the grass was dead.

All of this points to the importance of adequate testing. Results from one year’s trials in one location should never be considered conclusive.

Spring deadspot or winter dieback, in Bermuda, was prevalent again this year in the central plains area. It is also becoming quite commonplace in mid-Atlantic states. Work at Oklahoma A & M indicates the insecticide, Dieldrin, is helpful in controlling this pest, but the bug
THE STEVENS CLUB CAR

The Hundredth Hole...And Still Going Strong

This record-breaking performance is achieved by the exclusive use of the 96% efficient differential designed and engineered especially for the Stevens Club Car.

Aluminum Frame – Fiberglass Body – Air-Cushioned Shocks Front and Rear.

For brochure, write or call

STEVENS APPLIANCE TRUCK COMPANY — Golf and Industrial Car Division
P. O. BOX 897 — AUGUSTA, GEORGIA

TELEPHONE AREA 404 722-3595

*Based on extensive tests at the beautiful new Bay Hill Country Club, Orlando, Fla.
Do you want to
HIT SHORT?

If so,
take leather grips off your
clubs and use any of the
substitute grips.

Substitute grips absorb
shock — fine, but there goes
a part of your distance. Just
a few yards, but what a dif-
ference that can make in
your game!

Tightly wound leather —
the material most compta-
ible to your skin — has no
spring or rebound. This is
good because it produces a
more solid and longer hit
than any substitute golf grip
ever devised.

Insist on the best —
insist on
LEATHER
R. NEUMANN & CO.
Manufacturers of
Extra-Fine Leather Grips
300 OBSERVER HIGHWAY
HOBOKE, N. J.

or disease responsible for the trouble
hasn’t been identified. Some of the A & M
work also shows that nutrition may be a
factor. Observations in Tulsa would bear
this out. Meadowbrook CC’s fairways
there have been severely hit while nearby
Southern Hills has experienced no diffi-
culty with this problem.

A dry, cold spring was the major com-
plaint in the northern tier of the central
states. This caused grass puffing in some
cases and subsequent scalping. On one
course no trouble occurred where greens
had been aerified. Those that were missed
due to the pressure of other work were
hard hit by mower damage.

Turf Protection Emphasized
Increasing emphasis was placed on turf
protection in 1961. Fairway spraying with
fungicides, iron and crabgrass killer was
becoming the rule rather than the excep-
tion. The trend to lighter more frequent
feeding on all turf continued. Jack Or-
mand at Canoebrook, Summit, N. J., fer-
tilized fairways every two weeks during
the summer months. Jack, along with oth-
ers, is using the rotary or broadcast type
of spreader. He finds the savings in time
permits more frequent fertilizing, and
controlled release of plant food.

This summer we questioned Dr. Love
at Wisconsin about the seeming increase
in the plant’s need for iron. He believes
lack of air may be responsible and is in-
vestigating different oxygen levels in nu-
trient solutions. His work is sponsored by
the Noer Foundation. Extra air may cut
don on the need for iron. If this proves
to be the case, it will add to the evidence
that compaction is, indeed, our most
critical problem.

Increase in Salinity
Southern California had its customary
trouble with hot weather and lack of
moisture. The moisture situation was the
most critical problem. Salinity increased
because of poor quality water and the
lack of drainage. In fact, the use of tile
covered with a gravel blanket before top-
soil is added is important to those areas
where salts will accumulate. There is no
better way to stop the capillary move-
ment of salts to the surface. It also per-
mits occasional excess watering to leach
the soluble chlorides and sulphates from
the soil.

Turf problems will always be with us.
Research is our only hope to stay ahead
of them. We are indeed fortunate that so
much is being done today that will answer
tomorrow’s problems.
expected to wear skirts or dresses and
gentlemen, neckties and jackets.

Pay As You Go Operation

Figures aren't made public but Merion
is run on a solid business basis. There is
enough enthusiasm for golf to make the
club self-sustaining. New facilities have
to be financed out of available funds. Un-
der the by-laws, members can't be assessed
for any deficits or to finance new ventures.

Complementary sports may come to
Merion, but right now the prospect is re-
 mote. So much so, that recently when
one member suggested that a bowling al-
ley be installed, he was made to under-
stand that he was speaking in terms close
to sacrilege as far as Merion and its golf
is concerned.

Perhaps young people may someday
demand more typical country-club activ-
ity, but now at least and probably for
some years to come Merion will, Jerry
Gray repeats, “take its golf straight.” The
members want it that way apparently be-
cause they can’t see any other sport that
quite comes up to golf.

Joe Ed Black of Dallas, Tex., has been
named PGA tournament supervisor, filling
the vacancy created when Harvey Raynor
resigned that post last May. Black had
been filling the supervisor’s job since Ray-
nor’s resignation. A one-time Hardin-Sim-
mons University golfer, Joe played the cir-
cuit for about two years and formerly
served as an assistant pro to Morgan
Hampton at Abilene (Tex.) CC and to
Vern Farquhar at Ross Rogers GC, Ama-
rido.

Mark Thomas, Monterey Park, Calif.,
has been appointed assistant tournament
supervisor, moving up from co-ordinator
or “advance man,” a job that has been
taken over by John Tuthill, West Islip,
L.I., N.Y. Ron Pawlyck, La Puente, Calif.,
has been added to the tournament bureau
as second assistant to Black.

“This Wonderful World of Golf”, Shell
Oil Co’s weekly hour (4-5 EST) of stars
playing great courses will begin Sunday,
Jan. 7 on the CBS network. Gene Sarazen
will be the commentator.
Goodyear Produces Tubeless Tire for Conventional Golf Car Rim

Goodyear Tire & Rubber Co. is producing the first tubeless, low profile golf car tire using a conventional rim. Called the Rib Caddy Master tubeless, the tire is said to leave no imprint on wet or soft turf. The tire operates at low inflation with more uniform ground contact pressure, and has low section height and a wide, flat tread. The straight rib design gives excellent lateral traction for sidehill operation without causing turf damage in straight-forward movement where the tire slips against the ground in rapid starting or stopping. It is also claimed that the tubeless feature improves bruise and puncture resistance and the larger rim diameter increases the transmission of torque.

Golf, Inc. Markets Clover Putters

Clover putters, made by Clover Golf Products, Ft. Worth, Tex., will be marketed by Golf, Inc., Tulsa, Okla., exclusive distributor of Spartan gas-powered golf cars. The Clover putters are of offset shaft design and are available in six models, five in bronze and one in aluminum.

West Point Introduces Companion Aeri-Spiker

West Point Products Corp., West Point, Pa., is marketing the Companion Aeri-Spiker, designed to make topdressing more effective. The unit is self propelled, has adjustable depth setting and folding handle for easy transport. It helps prepare soil for seeding and prunes surface roots in addition to aerifying. Movement of the blades provides locomotion for the Aeri-Spiker.

MacGregor Tourney DX Gift Balls Available in Three Packages

MacGregor presents a doz. DX Tourney gift balls in a utility case, the lid of which has a full color reproduction of the 9th hole at Oakmont, site of the 1962 USGA Open. The reproduction is from an oil painting. A compact version of this gift also is available in a smaller utility case containing eight balls. Four DX Tourneys are packed in a handsome miniature bag that makes a distinctive pencil "caddie" for home or office.

Stonco Electric Catalog

An eight page catalog, recently issued by Stonco Electric Products Co., Kenilworth, N. J., illustrates a variety of weatherproof cast aluminum fixtures, floodlights and luminaires. Catalog S-62 can be obtained by writing to Stonco.
Plan NOW to use these proven products in your '62 disease and weed control programs

Penn-Chem's PMA-40
The SUPER STRENGTH phenyl mercury acetate. ONE QUART treats 3 acres of turf. So economical that disease control programs on bentgrass fairways may be readily undertaken.

Penn-Chem's PMA-10
The 10% phenyl mercury acetate for use on all fine turfgrass areas.

Penn-Chem's THIURAM-75
The fungicide with the impressive record of success in the control of Dollar Spot and Brown Patch.

Penn-Chem's THIURAM-MM
The Thiuram Mercury Turf Fungicide that controls Large Brown Patch, Dollar Spot and Copper Spot so effectively.

Penn-Chem's AMA and DSMA
Select either the liquid AMA or DSMA powder for assured results in the destruction of crabgrass and dallisgrass.

NO-GRO
Apply NOW or any time through Fall, Winter or Spring before crabgrass seeds germinate. Prevents the emergence of crabgrass and retards the growth of chickweed and poa annua. Also controls some soil pests — white grubs, sod webworms and Japanese beetles.

NEW from Penn-Chem — TURF TINT. The coloring agent for use on dormant, warm-season grasses. Long-lasting, natural grass color. Formulated to eliminate problems usually encountered with grass dyes.

For complete information, write Betty Hulshouser, Penn-Chem Products, Box 575, Lansdale, Pa.

SERVING THE PROFESSIONAL TURFGRASS MANAGER EXCLUSIVELY

PENN-CHEM PRODUCTS
Lansdale, Pa.
Get beauty teamed with durability and cleaning ease. That's Magic Fluff. It comes in a rich, oriental color blend to suit any decor. All orders are custom made to fit individual floor areas. Write for a Special Trial Size Magic Fluff Mat Sample...17” x 32” $5.00 postpaid.

SPIKE RESISTANT

* magic fluff
*Protected by Pat. No. 2338828

H. M. WISE DISTRIBUTOR OF QUALITY PRODUCTS AND SERVICE
212 HELEN AVENUE — MANSFIELD, OHIO

THE EXCITING NEW COVERS GOLFERS ARE TALKING ABOUT

PREMIUM HEAD COVERS
by JAY-THOMAS

Patented all-knit shank protects clubs...all colors, all combinations up to No. 7 wood...Leather head topped with water resistant pom-pom assures all weather durability.

Write Jay-Thomas for brochure.

Jay-Thomas INC.
2360 N. 30th Street
Milwaukee 10, Wis.

Bowen Adds Sales Reps

Bowen, Inc., Pasadena, Calif., has added four sales reps to cover Calif., the Northwest and Rocky Mountain areas. They are: Ray Worden, Beaverton, Ore. (Ore., Wash., Ida. and western Mont.); Ted Wilson, Denver (Colo., Utah, Wyo., N. M., eastern Mont.); Charles Murphy, Alamo, Calif. (northern Calif. and northern Nev.); Richard Dillons, Glendale, Calif. (southern Calif., southern Nev. and Ariz.).

Seven feet of grass or weed is shredded literally to nothingness with the new Ford 84-in. rotary cutter. Here is the offset-pull model that is equipped with chain guards. The unit also is available in straight-pull and mounted models.

Giant Trail-Vac Makes Quick, Clean Pickups

Three Giant Trail-Vacs (in photo) are ganged behind a tractor for fast, efficient removal of leaves, waste and litter. The Trail-Vac has a heavy duty, gas engine-powered vacuum cleaner mounted on an easily maneuvered, covered trailer. Complete information may be obtained by writing to Giant-Vac Mfg. Co., South WIllington, Conn.

Al Robbins Enterprises, PO Box 887, Evanston, Ill., has added the new Dymo instant label maker to its line.
A couple star women bowlers, Mary Lou Keeling (center) and Rosemary Micheli, were tempted to devote more time to golf by Wally Ulrich of the Fawick Flexi-Grip Co., Akron, O., who gave each a set of clubs at a recent award dinner sponsored by that company. Mary Lou and Rosemary set a new women’s doubles record of 1312 that was topped five days later, but any way you look at it, that’s a lot of pins. Fawick manufactures golf grips as well as bowling supplies.

Cushmans on Display at Sporting Goods Show

Cushman Motors, Lincoln, Neb., a subsidiary of Outboard Marine Corp., will display its full line of 2-wheel sports vehicles at the National Sporting Goods Assn’s annual Western Market show, Oct. 29-31 at the Ambassador Hotel in L. A. Ray Dowd and John C. Daggett will be in charge of the display.

Cizek Introduces Two Golf Car Models

Two low-cost gas engine golf cars have been introduced by Cizek Manufacturing & Distributing Co., Inc., Clutier, Ia. A 3-wheel Senior model has a 4 hp, 4-cycle engine and can travel 8 to 10 mph. It can carry four bags and two bags and a water cooler. A lighter model has two front and two rear wheels with bicycle handle bars. It has a 4½ hp, 4-cycle engine, travels 5 mph and has a reverse gear. It will accommodate two bags. The bag holder is removable so that a 3-gang reel mower may be attached.

Golf Club Management Company

Lincoln Tower
75 East Wacker Drive
Chicago 1, Illinois
FFranklin 2-4746

Specialized Consulting Services in:

★ All phases of club operations
★ Organization for new or operating clubs
★ Long range planning
★ New club development
★ Management selection and supervision
★ Interim or temporary management

Our staff of trained executive and professional personnel are now available nationally. We have established and executed successfully a plan for sound new club development.

Write or call for full information
Lorne A. Cameron
President & Gen’l. Mgr.
"PRO ONLY POLICY WONDERFUL," says JOHN K. REIDY Leicester (Mass.) Golf & Country Club

"My players used to come in with CART-BAGS purchased elsewhere, but now your Pro Only policy has forced them to come to me. Thanks! CART-BAGS conserve space even when not folded. No cut or bruised fingers folding other carts to fit into storage. We just wheel the CART-BAG to space, and that's it!

PROVE CART-BAG POPULARITY AT YOUR CLUB! Remember—They're SOLD THROUGH PRO SHOPS EXCLUSIVELY

FOUR New Models
$32.50 to $39.50

Write for Illustrated Folders
SIT-N-REST GOLF BAG CORP.
637 E. Center St., Milwaukee 12, Wis.

Frank D. Andruss (1), pres. of Alco Oil & Chemical Corp., Trenton & Williams st., Philadelphia, and Bernard Coe, head of the firm's research evaluation group, discuss their newly patented "Soil-Set", a rubber-based spray that protects seed, soil conditioners and fertilizers against being blown away or washed out in wind and rainstorms. Soil-Set comes in green, clear and other colors and is packaged in a one gal. can, a quantity that covers about 500 sq. ft.

Rain Bird's Under-Tree Sprinklers
A new series of full-circle sprinklers for under-tree sprinkling needs is being introduced by National Rain Bird Sales & Engineering Corp., Azusa, Calif. Known as Model 14, the sprinklers are available with regular or low-angle nozzles and have an unusually low precipitation rate. They may be ordered with regular or TNT bearings, the latter being recommended where there may be extreme wear due to abrasive water or sand. Sprinklers in the new model are said to average a higher throw and wider circle of coverage than the two models in series 14V and 14V-7 degs.

Bill Lyons Invents Machine for Planting Bent Stolons
Bill Lyons, supt. at Firestone CC, Akron, O., and operator of the Turfgrass Farms, 1843 Glenmount ave., also in Akron, has invented a machine for planting bent stolons. It is a disc planter with discs placed 1½ ins. apart across its 3-ft. width. Depth of planting is regulated by placing concrete blocks on a weight tray. Courses using the machine are said to be planting 5 to 8 bu. per 1,000 sq. ft. The machine, used for Nimisila thus far, will be tested on Bermuda and zoysia next year.