

YOUR BIG FIVE

An experienced sales organization to serve you better with famous brands

A cooperating organization of America's five leading golf pro jobbers

Knowledge of your particular needs . . . and the ready accessibility of your Big Five distributor . . . assure prompt service from our complete stock of truly distinctive Pro shop merchandise — including such famous brands as:



Pro-Jo
the
GOLF JACKET

Bernhard Altmann
CORPORATION

Con-Voy
GOLF CART



For LONG-TERM CONTROL

Check your
Dolge supply list

Weed killers
Insecticides
Mole and gopher killers
Golf ball cleaners

Rid Turf of Insects

SOLEXTO

For turf use—Kills Japanese beetles, chinchbugs and other insects. Dilute in up to 400 parts of water.

Eradicate Weeds on Parking Lots, Roads

S.S. WEED KILLER

Soil Sterilant—Speedy killer of all types of weeds. Keeps parking lots, drives, walks, gutters clear. Spray or sprinkle. Dilute in up to 40 parts of water.

Free Turf of Dandelions, Plantain

E.W.T. (2,4-D) WEED KILLER

Selective—Attacks weeds only. Rids turf of undesirable growth without injuring good grass. Non-poisonous. One gallon to 3 acres. Dilute in up to 400 parts of water and spray.

Exterminate moles and gophers.

NOMOLE

Chemically treated grain. Exterminates moles, gophers, prairie dogs, field mice and other pests. Place in holes or nesting areas.

Clean Golf Balls Thoroughly

DOLCO PINE CLEANER

Safe in any machine; has pine aroma; efficient and agreeable.

For literature on above products write to
The C. B. Dolge Company, Westport, Conn.

dependable
DOLGE
TRADE MARK

Battle with the Crowfoot

(Continued from page 50)

faces and was able to kill many of the new plants. Our crew used 1 x 4 in. x 4 ft. boards to push up areas that were heavily infested with the crowfoot. But by the 8th or 10th of July it was evident that we had lost again. Within a week we could hardly push a mower through the weeds.

In desperation, I made several tests with different herbicides at various rates and in many combinations. They were disappointing but gave me enough courage to go back to using 2-4-D — straight.

Signs of Success

Toward the end of July I sat down and tried to figure out what had gone wrong. I couldn't quite figure it out myself and neither could a few other competent persons I talked to. So, I got the club's okay to make another attempt to get rid of my nemesis. I decided on 16 ozs. of 2-4-D (40 per cent amine) to 89 gals. of water per acre. The fairways were sprayed on July 30th and on the following day were able to mow the brittle crowfoot with just one pass of the mower. The brittling had extended to the crown of the plant and this, in turn, called for roughing or dragging. We improvised a 9-ft. section of Cyclone fence, supplemented by two 6-ft. drag mats and went to work. We dragged and mowed until the first frost, trying in every way to get the crowfoot dug up and clipped — which is the secret of its elimination. On Aug. 10th we sprayed again with 1 gal. of DSMA and 16 oz. of 2-4-D. Our last treatment was made on Aug. 20th with the same solution, although cutting the 2-4-D to 8 ozs. The water rate was 89 gpa.

From then on, we started catching up with the crowfoot. The last rate, I realize, was awfully light and probably the residue from previous treatments helped to eradicate the weed. But, on second thought, we were working on new plants. So, I will let you draw your own conclusions.

My conclusion from the 1958-59 work is that DSMA does a good job of eradicating crabgrass and dallisgrass, which have also been steady visitors at Capital City. But for crowfoot I think it should be used in combination with 2-4-D along with a sticker.

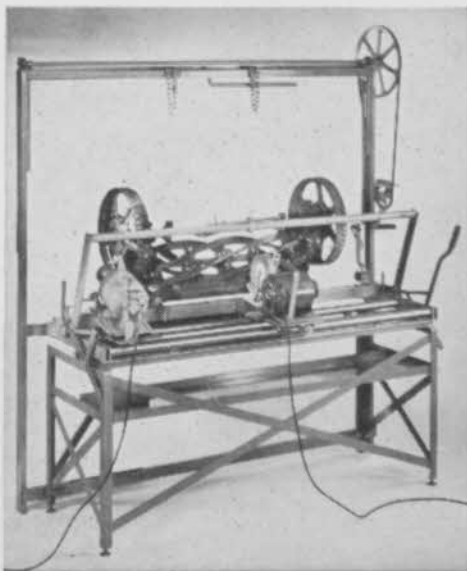
Consider Other Factors

Although 2-4-D is rather dangerous to handle it has many advantages as a crowfoot killer. But in determining how much

TWO HEADS ARE BETTER THAN ONE!

EVEN WHEN IT COMES TO SHARPENING LAWN MOWERS

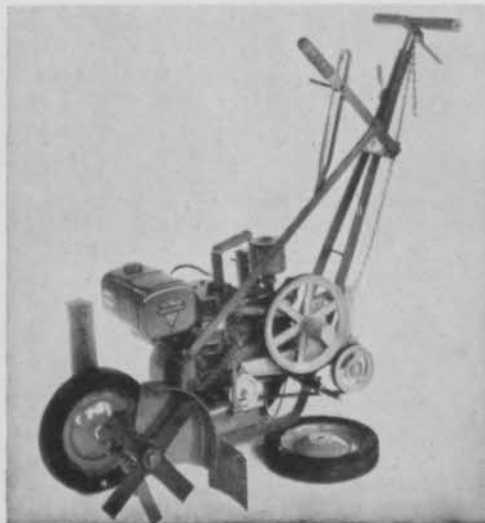
IF IT
ISN'T A
MODERN
IT
CAN'T
BE MODERN



COMPLETE
AS SHOWN
IN PHOTO,
SHARPENS UP
TO 53" WITH
DUAL
GRINDING
HEADS AND
ELEVATOR,
COMPLETE
\$550.00

NEW MODERN PROFESSIONAL SHARPENER HAS TWO GRINDING HEADS AND A GRINDING AREA OF 53 INCHES.

The latest Modern Professional Lawn Mower Sharpener is one of three models that can handle the smallest or the largest gang or fairway mower made. The Professional Model has two grinding heads. One enables you to sharpen the reels and the other head the bed knife. You can do all this without taking the mower off the sharpener, or dismantling it. In addition you can also adjust the mower while it is in the sharpener. 14 major improvements have been made in this unit to help you set-up faster and save you time on the actual sharpening. Send for complete specifications today.



EDGE SAND TRAPS WITH MODERN'S POWER DRIVE EDGER

Here's the easy way to edge your sand traps, flower beds, sprinkler heads and driveways. The Modern Power Drive Edger is a heavy duty rugged machine that can do a full days work day in and day out.

You'll save money, time and come up with a better job. (If you have a Modern Edger the Power DRIVE Attachment can be purchased separately.)

MODERN MFG. COMPANY

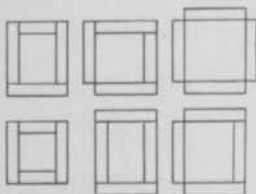
160 No. Fair Oaks Ave., Dept. GD
PASADENA, CALIF.

GET MORE SALES WITH THESE MODERN LOW COST



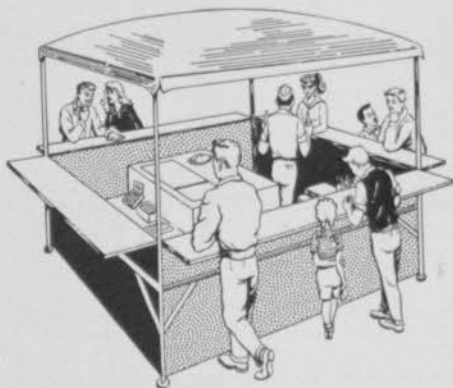
CONCESSION BOOTHS

In just minutes you have an attractive, eye-catching booth . . . a profit-making stand-out in any crowd . . . indoors or out! Amazingly low in cost . . . these trim, colorful, light weight metal booths can be changed from one to any of six sizes — in seconds . . . are designed to give years of sturdy service for unlimited purposes . . . picnics, bingo, fish fries, church suppers, carnivals, benefits, etc.



One Booth
Adjusts to 6 sizes

Full Size 12' x 12' . . .
Smallest Size 9' x 9'



ALL METAL FRAME

- For Outdoor, Indoor Use
- Years of Service
- 6 Variable Sizes in One
- Easily Erected in 10 Mins.
- Stores Compactly
- Sections Interchangeable

Write — or Phone JU 7-9158 Today

LOUISVILLE METAL PRODUCTS CO.

1101 West Oak Street, Louisville, Ky.

of it to use you should keep temp. and humidity in mind as well as the age of the weed, moisture content of the soil, height of cut, etc. Your spray equipment should be accurately calibrated to minimize excessive burning. My spraying was at 400 lbs. pressure and the boom was reduced to 5 T-jets which gave a spray pattern of 10 ft. and helped eliminate overlapping and skipping.

As I see it, there should be a herbicide that will definitely kill crowfoot. The pre-emergent TAT 42 may be the answer but it is going to take some experimentation by supts. to prove it. What we need is a herbicide that will prevent crowfoot from seeding, or better still, if the plant completes its life cycle, cause it to produce a sterile seed. Then, perhaps, light maintenance sprayings of 2-4-D would make mowing of the weed easier.

Puccinellia in Saline Soil

(Continued from page 52)

to withstand hot weather and could be the answer to vexing salt spots throughout the semi-arid Southwest and on low-lying areas along the seacoast elsewhere in the

Bermuda belt. The possibility of its use in these regions should be explored.

Wide Distribution

Success is more than likely because Hitchcock in "Manual of the Grasses of the United States" mentions distribution as being from Quebec to Alaska, south to Maryland, Michigan, Wisconsin, and North Dakota; Washington south to New Mexico and California. The more slender species are the form described as *P. distans* var. *tenuis* (Uechtritiz) Fern and Weath.

Turf of *Puccinellia distans* can be produced by vegetative planting. Viable seed has been gathered from wasteland adjoining the fairways at Magna. Seed can be produced if there is a demand for it.

CMAA Workshop Programs

The seven CMAA workshop programs that will be offered in Aug. and Sept. at Cornell, Michigan State, U. of Florida, U. of Minnesota, Reed College, U. of Houston and Los Angeles A. C., will feature the supervisory development plan that is sponsored by the American Hotel Assn. All of the sessions will last three days.



GOLF COURSE ARCHITECT AND BUILDER CLARK GLASSON SAYS:

"It's 'K & M' asbestos-cement underground irrigation pipe for me!"

"With the new 'K&M' FLUID-TITE Couplings, my men laid 8,000' of 4" 'K&M' Asbestos-Cement Pipe in two average work days at the new Palo Alto Hills Golf and Country Club, Palo Alto, Calif.

"I'm sold on 'K&M' Pipe. It's easy to install, follows the natural contours of the ground, and allows a 5° deflection. Connection for valves and fittings are a snap.

"I specified 'K&M' Pipe for its immunity to electrolysis and corrosion, too—will keep its smooth bore forever. The light weight of 'K&M' Pipe makes it easy for my men to handle—no machinery is needed for installing and handling.

"I'm placing an order now with 'K&M' to furnish pipe for another 18-hole championship golf course in Santa Clara, California. And plan on using 'K&M' for three more golf courses this summer."

Write today for complete information on 'K&M' Asbestos-Cement Underground Irrigation Pipe. Discover why top-notch courses everywhere install this thrifty, durable pipe. Write to: Keasbey & Mattison Company, Ambler, Pennsylvania, Dept. P-2060.



KEASBEY & MATTISON at Ambler

NOTHING FINER

than

THIMER FOR GREENS

The broad spectrum fungicide that combines a balanced formula of Thiram and Organic Mercury for sure and economical control of Dollar Spot, Copper Spot, Large Brown Patch, *Helminthosporium-Curvularia* . . . and controls Crabgrass at the same time!

A wettable powder, 2 ounces of Thimer in 5 to 10 gallons of water treats 1,000 sq. ft. of turf. Applications every 7 to 10 days throughout the warm weather is recommended. Thimer is packed in 20 ounce cannisters, 12 to the case.

OTHER

*Cleary Products
for Better Turf*

PMAS

for Crabgrass and Turf Diseases

METHAR (DSMA)

Disodium Methylarsonate herbicide; liquid and high concentrate powders

PM2,4-D

Phenyl Mercury - 2,4-D Combination herbicide-fungicide

CADDY

Liquid Cadmium fungicide

SPOTRETE*

75% Dry Thiram Fungicide

"ALL-WET"

helps water penetrate compacted areas

**W. A.
CLEARY**
CORPORATION

NEW BRUNSWICK, N. J.

Skokie, Ill.

Belleville, Ont., Canada

Champions Golf Club

(Continued from page 40)

area. The grass was verticut and broadcast over the fairways, followed by wetting and topping. The fairways, heavily fertilized before and after planting, were ready for play within four months. White used 500 lbs. an acre before planting, another six applications at the rate of 200 lbs. an acre every 15 days after planting.

A single artesian well supplies the course's large storage lake and four smaller lakes. Two pumps, each with a 500-gpm capacity, feed the fairway watering system. White maintains a four-month's supply of water at all times.

Demaret and Burke spent almost two years inspecting sites before deciding on the one they chose. Two streams wind through the course and a large, deeply-embanked creek comes into view on two holes. The fourth green is located just beyond a 30-foot bank of the creek, requiring almost 200 yards of carry into the prevailing wind from the back tee. Erosion had been eating away at the green until White hit upon the idea of planting willows and wisteria vines in the bank, and piling logs, dirt and grass behind the willows. This appears to have solved the problem, at considerably less money than a retaining wall would have cost.

Five Years to Go

The pro-mgrs. say it will be at least five years before the course is the way they want it to be. Their program includes the planting of over 1,500 flowering shrubs at the rate of 500 a year—pyracantha, crepe myrtle, ligustrum, oleander, Japanese holly, mimosa, magnolia, azalea, dogwood and redbud. Five types of trees are predominant on the course—oak, pine, sweet gum, elm and hickory. Many of them are well over 50 years old.

Plummer, Demaret and Burke made full use of the ample acreage. No two holes are bunched anywhere on the entire course. There is at least a 50-yard width of wooded area between each fairway. The long teeing areas, wide fairways and large greens which afford a wide variety of pin placement, can make the course play quite easy at 6,100 yards, or very difficult at over 7,000 yards when the many hazards come more sharply into play. Par is 36-35-71 and the middle tee yardage is 6,613. The course's 11 par-four holes are all in the 400-yard range, varying from fairly easy to very hard. The

MORE MONTHS OF SERVICE • MORE CAPACITY • MORE OPERATING HOURS

Quarter turn
vent cap



Cuts service
time 75%



PUT MORE
DRIVE
IN YOUR
GOLF
CARTS
WITH



TROJAN

MILEAGE MASTER

GOLF CART BATTERIES

TROJAN BATTERY CO., 724 E. 61st ST., LOS ANGELES 1, CALIF.



The *Nadco* Profit Line for 1960 is here—NOW!

Stock and display the carts you can recommend with confidence. The cart with the exclusive golf-ball grip—Nadco!



Only NADCO has ALL the PROFIT features!

- ★ Level Glide Suspension
- ★ Precision bearings, mud-free tires
- ★ Trigger speed folding
- ★ Cast aluminum—tubular steel construction
- ★ Triangular design stability
- ★ Exclusive golf-ball grip

Ask your distributor now about the all-new expanded NADCO line for 1960

Nadco Sporting Goods Co.

3635 West Touhy Avenue,
Chicago 45, Illinois

three par-fives are easy and the four par-threes are all difficult.

Although originally intended strictly as a golf club with only basic clubhouse facilities, Champions has yielded to family demands enough to add a luxurious swimming pool and one of the most elaborate men's lockerrooms in the Southwest. And the clubhouse calendar is full with social activities.

"They have quite a drive to get here, so we want to make it worth their while when they come," clubhouse mgr., Attas, explains.

Faculty Member Tax Ruling Applies to Club Managers

An internal revenue dept. ruling (59-409, I.R.B. 1959-52, 16, 1954 Code Secs. 119 and 3402) which was made in the case of employees of another category, applies to club mgrs. and their assistants, according to a recent CMAA Newsletter. It states: Where resident faculty members of a boarding school are furnished meals and lodging for themselves and their families on the school premises for the convenience of the employer, and are required to accept lodging on such premises as a condition of employment, that portion of the

value of the meals and lodging furnished, which is allocable to themselves, is not includible in gross income. However, the value of meals and lodging furnished their wives and children constitutes additional compensation which is includible in the gross income of such faculty members. Therefore, it is subject to withholding tax.

The ruling goes on to state that the foregoing doesn't apply for any term or period during the school year when students are not in residence in the absence of showing that the faculty member's presence during such term or period is for the convenience of the employer.

Rutgers Field Day

The 1960 Rutgers Turfgrass field day is scheduled for Aug. 10 and 11. Lawn and high-cut turf studies will be shown on the 10th and close-cut turfgrass studies will be shown on the 11th. Tours will start at 10:30 a. m. and 1:30 p. m. on both days.

Ryder Cup Matches

East Lake CC in Atlanta will be the site of the 1963 Ryder Cup matches. The 1961 competition will be held at Royal Lytham and St. Anne's GC, St. Anne's-on-the-Sea, Eng.

**Why not green
fairways, too?...**



**A DEPENDABLE
WATER SYSTEM
FOR ALL NEEDS**

Now you can buy

YARDLEY Gold Label PIPE

**The plastic pipe strong
enough to replace metal**

Gold Label rigid pipe, produced only by Yardley, is designed to handle all present and future pressure requirements normally encountered in engineered water systems. This high-strength "any-use" product stops

pipe selection problems. What's more you can have a long-lasting, dependable water system even on a modest budget.

Yardley offers complete service for designing, recommending and supervising the installation of your water system. Let us estimate your requirements.

MAIL THE COUPON TODAY



YARDLEY

*Pioneer of improvements in
plastic pipe and fittings*

YARDLEY PLASTICS CO.

142 Parsons Avenue
Columbus 15, Ohio

*Gentlemen: Please send complete details on
Gold Label pipe*

NAME _____

POSITION _____ CLUB _____

ADDRESS _____

CITY _____ STATE _____



the WORD
is QUALITY



The one word that best describes the difference in TUFHORSE golf bags is *quality* — a tradition of expert craftsmanship and styling. The name TUFHORSE has been a distinguished one for more than forty years, identifying for the discriminating golfer bags of unmatched beauty and durability.

Today as in the past, golfers who love the game choose TUFHORSE.

Write Dunlop for 1960 catalog.

* Bonus Feature in many models: TUFHORSE patented spring-type club dividers.



DUNLOP Tire and Rubber Corporation
Sporting Goods Division
500 Fifth Avenue, New York 36

DMG

MADE BY
**DES MOINES GLOVE
& MFG. COMPANY**
DES MOINES IOWA

Golf Car Transport

(Continued from page 34)

decided that the cars could be shipped uncrated, but more than this, there was no need for them to be scratched or battered in transit.

To do this, it was necessary to consider the number of cars per load and to make the plan feasible economically. This indicated a need for double-decking. Specially constructed vans were ordered. They embodied the necessary features that would permit double-decking as well as the easy loading and unloading of a substantial number of cars. Trans-American Van Service can load 16 cars into a 35 ft. van and 20 cars in a 40 ft. van. The body of the van literally is an engineering masterpiece with specially devised rigging equipment which has solved many critical problems previously considered insurmountable.

Out of Van, Onto Fairway

One club owner observed: "Our first golf car was half-way down the first fairway almost as soon as the van pulled in. When cars were delivered crated we were two days getting them uncrated and ready for use." Another club reported that its last shipment of crated golf cars made the parking lot unusable until all the nail laden crating was removed.

Trans-American Van Service is hauling cars for a number of prominent manufacturers. Victor Adding Machine Co., of Chicago, is using the the Trans-American method of transporting its Electri-Car with complete success. Delivery is door to door — only one handling — no transferring from dock to dock and no burden at all to the club. The carrier has been franchised by the Interstate Commerce Commission to handle loads of this nature.

American Recreation Makes Nationwide Munny Survey

American Recreation Society golf committee is making a nationwide survey of municipal and tax supported courses. It is being headed by Robert M. Shultze of Bridgeport, Conn. Comprehensive information touching on size, number of holes, fees, key personnel, rounds played per year, annual operating costs, receipts, etc. will be included in the survey in its final form. Publication, by five geographical regions, is expected this fall.

BUYERS' SERVICE • P. 103