Chickweed

There are numerous ways of removing this weed. In greens where it occurs in only small patches, mechanical extraction is perhaps the most efficient method. Where it occurs in patches too large for mechanical extraction it may be removed by burning with ammonium sulphate or ammonium phosphate, by spreading a little on each patch and letting it stand for one day. The brighter the day the more effective is the operation. At the end of 24 hours, water the patches well, washing the sulphate or phosphate into the ground. Some of surrounding grass will be burned but it will not be killed and should recover at an early date. Resulting bare spots may be plugged with good clean turf or the areas seeded.

One club that was quite badly infested with chickweed used the following method of eradicating it: In the early fall the affected areas were sprayed with a mixture of one pound of arsenate of soda in ten gallons of water, to cover 4,000 square feet. This turned the grass a dead brown in about three days. Ten days later the grass showed definite signs of recovery. At this time the areas evacuated by the chickweed were loosened and grass seed sown. They reported 100 per cent kill, with no lasting injury to the turf.

Sodium arsenate is an active poison and therefore great care should be used in handling it. No vapor or dust should be inhaled. Children and animals should not be allowed near it and animals should not be allowed to graze on the treated areas until it has had plenty of time to deteriorate.

On greens of bents, fescues, and Kentucky bluegrass, arsenate of lead has been recommended, dusted on at the rate of five pounds per 1,000 square feet.

Dandelions

Dandelions in the green may be eradicated by piercing the crown with a sharp pointed instrument (an ice pick does very well), which has been moistened with sulphuric acid. Great care must be taken not to allow the acid to come in contact with the grass for if it does it means certain death to the plant. Likewise care should be taken not to allow it to get on the hands or clothing for being a very active acid it will eat almost any kind of material.

A very simple method of eradication in the green is to cut the plant off about an inch below the surface of the ground, repeating this procedure as many times as
GOLF REGISTER

Hook - Slice - Distance - Direction

... all registered with remarkable consistency by this new, scientifically designed practice driving device. Weights 4 pounds—employs a real golf ball which does not travel more than 12 feet—takes a minute to install. Ideal for Pro instruction—shows pupils their faults—helps Pro correct them—can be used indoors or out. Endorsed by leading golf instructors.

Price, including extra ball, $10, postpaid anywhere in U. S. or Canada.

MONEY BACK GUARANTEE—If, within 10 days, GOLF REGISTER does not fulfill all claims made, your money will be cheerfully refunded.

If your Pro or dealer cannot supply you, write: GOLF REGISTER CO.

Chamber of Commerce Bldg. Pittsfield, Mass.

Plantain

Plantain is generally accepted as an indicator of a tightly compacted, heavy soil. In the greens sulphuric acid may be used in the same manner as with dandelions. In the fairway and rough a 20 per cent solution of iron sulphate and water may be used in the same manner as was indicated for the dandelion.

In using any chemical as an eradicator of weeds it should be remembered that the chemical will kill grass as well as weeds. The advantage lies in the fact that in cases where chemicals are recommended they are recommended in proportions strong enough to kill the weed, but not quite strong enough to kill the grass. With that in mind you will not attempt to increase the strength of any formula in order to get a more complete kill of the weeds. If you do, you are quite apt to get a complete kill, grass and all.

Clover

Clover may be painlessly eradicated from the green by successive stimulating and clipping. Dissolve about two tablespoons full of nitrate fertilizer in a common sprinkling can of water, and sprinkle the patches of clover. Where it is possible, allow the grass to grow for two days and

Our Appreciation to the Trade

Due to the largest spring business in our career we are entirely depleted of all old stocks of creeping bent stolons until September 1st. At that time we will offer all new stolons of Old Orchard, Washington and Metropolitan planted late last fall and early this spring.

OLD ORCHARD BENT GRASS NURSERY

Box 350 Madison, Wisconsin
then clip. Repeat this operation until the clover is out. The nitrate fertilizer will push the clover up enough so that the mower will clip off the leaves. This in time will kill the plant, or so reduce it that it will not be objectionable.

Sheeps Sorrel

Sheeps sorrel may be used as an indicator of low fertility. It seems to thrive on soils deficient in lime and therefore may be crowded out by the judicious use of fertilizers.

Thistle

The thistle may be eradicated with a solution of sodium arsenate, one and one-half pounds to 52 gallons of water and applied in a mist or spray. Care should be taken not to allow too much of the solution to reach the grass. Carbolic acid may be used in the following proportions: one part acid to one part water. This will only kill a part of the root and the plant will undoubtedly spring up again from beyond the point of injury. However, the second application generally eliminates it entirely.

Rag Weed

Rag weed may be handled in the same manner as the crab grass in the rough: by mowing and destroying the clippings.

Let me remind you again that it is not wise to try for 100 per cent kill of weeds on the first application of chemicals by strengthening the formulas. Stick to the tried and known proportions.

 Burning the rough and adjoining grass areas where it is possible is an inexpensive method of removing a lot of weed seeds, especially annuals. It is best to burn in the fall on a quiet day. Thus with a slower burning fire more seed will be destroyed.

Weeds, like everything else, must have a source and very often a few dollars spent in eradicating a weed’s source will save many dollars in years to come.

BRUNSWICK-BALKE ANNOUNCES
BAR DESIGN WINNERS

Chicago, Ill.—Winners in a contest sponsored by Brunswick-Balke-Collender Co. for new ideas in bar designs have been announced, with a total of 117 cash awards to architects and designers all over the country. Designs were sought for a deluxe bar, a commercial bar and a service bar.

The first prize winner for the deluxe bar was Maxfield E. Gluckman of New York, whose design called for a circular
bar with a glass fountain in the center illuminated from within. The bar itself is of ebonized wood with a stainless steel rail. Face of the bar is illuminated from the top edge.

First prize commercial bar design is made of ebony inlaid with aspen wood and lacquered wood. It is done along very modernistic lines and contains a shelf in front for the convenience of guests on which to put down a purse or package. The back bar is highly decorative and set off by shadow boxes and diffused soft lights with a black marble figure forming the center piece. M. Righton Swicegood of New York was the designer.

First prize service bar design followed very simple lines with a circular mirror in the background with ebony finish and brass applique. It was designed by D. M. Douglas of Georgetown, Conn.

A vestige of the days of the sawdust floor and the mahogany elbow rest which appeared in almost all of the drawings submitted was the old brass rail. However, in almost every instance it was modified in the form of a step or decorative footrest.

KENNETT, HOYT AND BROWNSON PLAN VULCAN 1935 LINE

Portsmouth, O.—Frank Kennett, golf pro and clubmaker at Kalamazoo (Mich.) CC and W. E. Hoyt, pro-sales representative, have been at the Vulcan Golf Co. plant assisting H. C. Brownson, manager, in styling Vulcan's 1935 line of woods and irons. Kennett developed Vulcan's Equi-

balanced clubs which have enjoyed a splendid reception, this, their first year on the market.

PENFOLD OPENS OFFICES IN CLEVELAND, CHICAGO

New York City.—Pros in the Chicago and Cleveland districts can now get spot delivery of the popular Penfold balls.

The Chicago office has been opened at 218 South Wabash avenue, room 304, telephone number, Webster 7666. The Chicago office is in charge of Fred Newman who is also president of Jackman Sportswear Co.

The boys around Cleveland and vicinity can get spot service by getting in touch with the Distribution Terminal at Central Viaduct and West 14th street, telephone number, Prospect 0100 and ask for Mr. Ward.

These two offices are part of Penfold's expansion program, which, when it is completed, will provide spot stocks in almost every golf concentration throughout the country.

WORTHINGTON ANNOUNCE NEW GOLF BALL

Elyria, Ohio.—The "Tommy Armour Special," a new golf ball with hydraulic high compression center, especially designed for hard hitters and low handicap players to give extreme distance, is announced by The Worthington Ball Co.

Exhaustive chemical and physical laboratory research and tests have been conducted, says the manufacturer, for over
WHAT DO YOU NEED?

FIRST look through the advertisements in this issue! They tell about equipment and supplies to improve your operating practices, increase club patronage and income—all are reliable sources of supply—all anxious to serve you. If you can't find what you need, refer to the list of items below. Check the items on which you want complete information and prices. Mail to GOLFDOM, 14 East Jackson Blvd., Chicago. It will bring you facts and figures you need in making your purchases.

(please draw lines through items interested in).

FOR THE GOLF COURSE

Ant eradicators
Arsenate of lead
Ball washers
Bent grass stolons
Bird houses
Bookkeeping systems
Brown-patch preventives
Charcoal (soil conditioner)
Chickweed eradicators
Compost distributors
Compost mixing machines
Drinking fountains
Dump carts
Fencing
Fertilizers
Fertilizer distributors
Flags, flag poles
Flood lights
for putting greens
for driving range
for parking spaces

Furniture
Hole cutters
Hole rims (putting cups)
Hose—water
Hose boxes (underturf)
Humus (soil conditioner)
Hydraulic mixers
Insecticides
Mole—Gopher traps
Mole—Gopher poisons

Mowers
for putting greens
for tee
for fairway
for rough
for driving range
for parking spaces

Putting cup equipment
Putters (state capacity)

Sod cutters

Sprayers
- barrel pump
- power engine
- spike discs
- sprinklers
- greens
- fairway
- sprinkling carts
- swimming pool information
- tee data plates
- tee markers
- tile, drainage
- Tractors
- tractor tires, low pressure
- pneumatic
- tractor wheel spuds
- water systems
for greens
for fairways
- water system engineer
- Weed killers
- worm eradicators

FOR THE PRO SHOP

Archery golf supplies
Bags
- canvas
- leather
Balls
- .25
- .35
- .50
- .65
- .75
- 1.00
- Ball marking machines
- Belts
- Bookkeeping system
- Buffing motors
- A.C.
- D.C.
- Caddie badges
- Caddie uniforms
- Calls for golf shoes
- Carts

Clubs
- Brasiles
- Drivers
- Irons
- Matched sets
- Putters
- Spoons
- Weighted practice
- Women's
- Club racks for pro shop
- Gartens
- Gloves
- Grip dressing
- Grip Wax
- Handicap
- rackets
- cards
- Leather jackets
- Motion picture cameras
- Motion picture projectors

Practice balls for driving ranges
Practice driving devices
Practice nets
Prizes
- cups
- trophies
- Rain jackets
- Score cards
- Shirts
- Hickory
- steel
- Shoes
- Shoe spikes
- Shoe trees
- Sockets
- Sweaters
- Sweat shirts
- Tags for bags
- Towels
- wood
- celluloid
- rubber
- Underwear

FOR THE CLUB HOUSE

Alas
Bar equipment
Bath alpiners
- paper
- wood
Bars
- fixed
- portable
- Bath towels
- Beer
- bottle
- keg
- Beer cooling equipment
- Cash registers
- Cheese
- Deodorants
- Disinfectants
- Ginger ale
- Health scales
- Kitchen equipment
- Laundry equipment
- Liquors
- gin
- whiskey
- wine
- mixers
- Linens
- Lockers
- Mineral waters
- Refrigerators
- Rugs—runners for aisles
- Showers
- Soda fountain
- Tomato Juices
- Water coolers
- Water softeners

Club

By

Address

Town

State

Date

- IMPORTANT — FILL OUT FORM ON REVERSE OF THIS PAGE -
"NO OFFICIAL . . . . . . . . . .

. . . with grounds, clubhouse or pro-shop duties should be without GOLFDOM every month." So, in substance, read scores of letters in our files. And we thoroughly agree! GOLFDOM is sent FREE!

If any of the officials listed below are not getting GOLFDOM at your club, please send us their names by filling in this page, tearing it out and mailing to GOLFDOM, 14 East Jackson Blvd., Chicago.

This is especially important if YOUR club has recently held an election. We want the new officials to begin receiving GOLFDOM immediately!

Please PRINT plainly. Home or business addresses preferred.

President
Address

Greenchairmen
Address

Manager
Address

Professional
Address

Greenkeeper
Address

---

CLUB
TOWN. STATE
NUMBER OF HOLES . . . . . IS COURSE PRIVATE, DAILY FEE or MUNICIPAL?
CLASSIFIED ADS

Rates: 10c per word, with a minimum charge of $2.50. Because of low rate, payment must be made in advance. There is no charge to clubs advertising here for a pro, greenkeeper or manager.

Well-known greenkeeper with best of recommendations and 19 years of thorough experience in maintenance and construction is open for position in prominent club at moderate salary. Go anywhere. For full details address: Ad 1200, % Golfdom, Chicago.

PRO-MANAGER wants change. Will go anywhere. Prefer year round proposition but will go south for winter. Best references. Member P. G. A. Salary reasonable. Address: Ad 2800, % Golfdom, Chicago.

Mr. Club Officer—I have a message for you! Five minutes of your valuable time to reply to this advertisement can mean the solution of your club’s problems. I have unusual qualifications to offer the right club. For complete details, address: Ad 2900, % Golfdom, Chicago.


a year, to determine the combination of qualities that will give a golf ball maximum distance with absolute accuracy in flight and on the green. These tests resulted in patented features of construction for the “Tommy Armour Special,” which, it is claimed, give it exclusive features of performance.

Available in both mesh and dimple style with distinctive marking, the “Tommy Armour Special” will retail at $9.00 per dozen, and discounts to the trade will be according to the standard scale prevailing in the golf ball industry.

The “Tommy Armour Special” is an addition to the Worthington line, and does not displace or supersede their “Tommy Armour,” retailing at 50c.

Cut your costs on BROWN PATCH CONTROL without damage to turf

COMPARE THESE PRICES
25-lb. pail... $37.50
100-lb. drum $145.00

CUREX is safe—an organic mercury compound that does not burn! Contains 20% mercury—substantially higher than other organics. Best possible control at low cost.

W-8 CHEMICAL CO., INC. 521 Fifth Ave., New York, N. Y.

LEWIS GOLF BALL WASHER (“Standard thruout the World”) As necessary as the “tee itself” Lews Washers are durable, economical and priced for even the smallest club. See your golf equipment dealer now.

Lewis Washers in lots of 1 to 10 ............... $6.00
—in lots of 11 to 20. $5.50
Complete tee ensemble — washer, tee stake, towel, waste container, tee data plate .............. $10.50
Lewis Bag Rack and other equipment.

G. B. LEWIS COMPANY Dept. GD 834 Watertown, Wis.

LEWIS GOLF BALL WASHER

LEWIS GOLF BALL WASHER

CUTS TWICE AT SAME TIME!

A trick—but one developed by modern engineering wizardry. Budd engineers produced a blade with four edges (switch edges like razor blade when edge becomes dull) that CUTS TWICE AT THE SAME TIME. . . . Grass and budgets! Get it?—then why not get Budd and do the trick yourself.

BUDD MFG. CO., Dept. G, Ravenna, Ohio

CREEPING BENT TURF

ILLINOIS GRASS CO.
18455 Reigel Road, HOMEWOOD, ILL Phne Homewood 748

CUTS TWICE AT THE SAME TIME.

A trick—but one developed by modern engineering wizardry. Budd engineers produced a blade with four edges (switch edges like razor blade when edge becomes dull) that CUTS TWICE AT THE SAME TIME. . . . Grass and budgets! Get it?—then why not get Budd and do the trick yourself.

BUDD MFG. CO., Dept. G, Ravenna, Ohio
EDITORIAL CONTENTS

How Demonstration Garden Rates Grasses, by Monteith and Welton........ 7
Pros Report Business on Up-Grade, by Herb Graffis..................... 11
Hands-Off Policy Brings Profits, by Mr. and Mrs. Orville Meyer........ 15
$15,000 Gives Club Unique Pool, by Wesley Bintz......................... 17
End Course Neglect, by John MacGregor................................. 20
Fall Is Best Time to Fertilize, by O. J. Noer........................... 21
Picked Up in the Rough, by Herb Graffis................................. 25
Golf Growth at Agua Caliente, by Bill Hickey........................... 30
An Outline of Weed Control, by J. D. Eldridge......................... 38

ADVERTISERS' INDEX

Allerton Hotel.................................................. 32
Anheuser Busch, Inc........................................... 6
Bayer-Semesan Co., Inc...................................... 41
Brunswick-Balke-Collender Co., The.......................... 35
Buckner Mfg. Co.............................................. 2
Budd Mfg. Co., The........................................... 47
Chicago Flexible Shaft Co........................................ 43
Des Moines-Glove & Mfg. Co.................................... 43
Dolge Company, The C. B..................................... 42
Dunlop Tire & Rubber Co....................................... 33
Erickson, Charlie................................................ 37
Glens Falls Open.............................................. 32
Godwin, Hiram F.............................................. 43
Golf Register.................................................. 42
Goodyear Tire & Rubber Co..................................... 23
Horton Mfg. Co................................................ 31
Illinois Grass Co............................................. 47
International Harvester Co..................................... 1
Johnson, Inc., J. Oliver....................................... 3
Lewis Company, G. B.......................................... 47
Lytton Building Corp........................................... 5
McClain Bros. Co............................................... 4
March Automatic Irrigation Co.................................. 4
Milorganite.................................................... Third Cover
Old Orchard Creeping Bent Nurseries................................. 42
Peckham, A. N.................................................. 44
Penfield Golf Balls........................................... 37
Phoenix Mfg. Co............................................... 44
Pietzker, George............................................... 44
Premier Poultry Manure Co..................................... 2
Professional Golfers' Ass'n..................................... 39
Roosevelt Hotel................................................ 38
Royer Foundry & Machine Co...................................... 4
Scott & Sons Co., The O. M.................................. Second Cover
Sewerage Commission, The..................................... Third Cover
Skinner Irrigation Co., The................................... 40
Staude Mak-A-Tractor Co., E. G................................ 44
Stumpf & Walter............................................... 36
Tonagren Co., P. & M......................................... Third Cover
U. S. Rubber Company......................................... Fourth Cover
Vestal Co., John H............................................. Third Cover
W-B. Chemical Co., The...................................... 47
Wilson-Western Sporting Goods Co................................ 27-29
Drought has scorched it
Rains can’t restore it
Winter will freeze it
Milorganite can save it

Your turf has had a battle these past four years... climaxed by the drought this year. The weakened grass plants may revive a little if there is an abundance of fall rains. But only a fall fertilizing program can give your turf the vitality to withstand winter’s ravages.

To save complete reseeding next year, Milorganize your turf early this fall. Milorganite will restore vitality to damaged root systems, help the spread of desirable grasses this fall and what is not consumed in the fall lies dormant during the winter to give the grass plants an early start next spring.

The Sewerage Commission, Milwaukee, Wisconsin

Golf clubs use more Milorganite than any other fertilizer

The New Deal in Score Cards
VESTAL offers a new one for the "copy boys" in the
New Broadmoor One-Color
Score Card
$21.00 for 5000 f. o. b., Chicago

Printed in one color by a new process (by specialists who know how) on heavy stock of good grade. It is the fullest value obtainable.
Size is not small and form similar to our two-color Regular Broadmoor; very complete and includes women’s par.
Two color cards (six varieties) are available at prices ranging from $19.00 to $33.00.
We are originators of most of the golf standardized printed matter which we sell such as:
Charge Checks
Caddie Cards
Message Hangers
Bridge Scores
Guest Tags
Repair Tags
Greens Cost Forms
Guest Registers
Reservation Cards
Bag Tags
Lesson Books
Starting Sheets

Samples to clubs on request.
JOHN H. VESTAL CO., PRINTERS
703 South La Salle Street - Chicago

“TONAGREN Eliminated Brown Patch and Clover”

That’s what the Oklahoma City Golf and Country Club said after using TONAGREN on their greens.

Dozens of other golf clubs report similar success with this scientific product.

To prove to you that TONAGREN will stop brown patch and eliminate clover on your greens we now make this special—

TRIAL OFFER
Send $1 for a trial package of TONAGREN—enough to treat 1,500 square feet two times. If after the second treatment, TONAGREN has not secured the results you expect, your dollar will be refunded. Take advantage of this trial offer today.

P. & M. TONAGREN COMPANY
6324 Brooklyn Kansas City, Mo.