Indications, Ecology, Turf Troubles.
1—Diary, daily work and treatments. See Records.
4—Diseases, See Blights, Diagnosis.
1-3—Distributors. See Agents, Dealers. Also Machines (list).
4—Dollar Patch, Dollar Spot. See Brown Patch, Diseases.
2—Drainage, Land.
4-6—Drought, See Wilt.
7—Dusts, chemical, see insecticides, fungicides.
5-9—Earth, Earthworms, See Entomology, Insects, Worms, Soil.
4—Ecology, Plant, See Indicators, Indications, Diagnosis, Soils.
1—Electric, Electrical, Electricity, simple fundamentals, repairs.
5-7—Elements, See Soil, Fertilizers, Major, Minor, elements, Chemistry.
1-7—Emetics, poison, see Antidotes.
7—Emulsions, See Sprays, Solutions.
9—Entomology, Study of Insects Subject. See Insects.
3—Equipment. Term applying to games and grounds furnishing. See Accessories.
Ethics.
Evaluation, prices, quality.
4—Eye Spot, See Diseases, Zonate Eye Spot.
1—Fairway-s term. Golf course fairways, areas.
4—Fertilizers, subject. Fertilizing. (Also see Methods.)
1—First Aid, to Injured. See Emetics, Antidotes, Safety Rules, Precautions.
1-4—Frost on grass, Frost Heave. See Winter seeding.
7-9—Fumigants, Fumigators, See Asphyxiants, Gasses, Poison Gasses.
1—Fundamentals, of study subjects. See "Why."
4—Fungi, Fungus diseases, See Blights, Diseases.
7—Fungicides, See Dusts, Sprays, Mercurials. See List, (Commercial).
9—Gasses, See Asphyxiants, Fumigants, Fumigators.
1—Golf, The game of, requirements, etc.
4—Grasses.
3—Greases, See Lubricants, Oils.
1—Greens, Golf, Bowling, See Bowling Greens, Lawn Bowling.
4-5-6—Green Scum, See Algae, Diseases, Moisture, Drainage.
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Stolons and Sod. Washington — Cl — and other recommended strains.

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Prices Subject to Change Without Notice.

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USED GOLF BALLS WANTED
Highest prices paid. Check mailed within 48 hours after balls are received. Known to the trade for 25 years. Get our prices before selling.
EASTERN GOLF CO.
244 WEST 42nd ST. NEW YORK 18, N. Y.

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REMARKABLE NEW CLEANER FOR GOLF BALLS
Newest chemical for removing dirt, grime and stains. Colorless, odorless. Does not get rancid, foamy or slimy. No injury to hands or clothing. No soap, alkali or acid. Write for literature and free testing sample.
McCLAIN BROTHERS COMPANY, Canton, Ohio

1—Grounds, Maintenance, See Maintenance, Upkeep, Paths, Roads, Parking areas, general grounds care.
4-8—Growth, plant, Growth regulators.
9—Grubs, See Entomology, Insects.
7-9—Grub-Proofing, See Insecticides, poisons, also Methods regarding.
7-8—Herbicides, See Weed Killers, Plant Killers.
7-8-4—Hormones, plant hormones.
3-6—Hose. See Irrigation, Supplies, Water hose, Garden Hose, List.
1—How to do things. See list of METHODS.
1-4—Humidity—see Weather.
3— Implements; See Tools, Special List, of, use - purpose.

Golfdom
fall, Weather, Watering, Sprinkling, Wilt.

9—Moles, See Ground Moles, Animal Pests.
2—Mortar, See Concrete, Cement, Portland Cement.
4-5-7—Moss, Ground, See Algae, Drainage, Fertilization, Shade.
5—Moss, Peat, See Peat Moss (baled), Sphagnum Moss, Soil Conditioners, Mulches.
3—Mowers, Hand, Powered, Tractor, Horse drawn, Reel Mowers, Sicklebar Mowers Listed under this heading, with Machinery.
5—Mulches, Leaf, Peat, Moss, Soil Conditioners, Winter Protections.
4—Mycelia, Mycelium, See Fungi, Fungus, Diseases, Blights.
5-7—Nutrients, See Soils, Fertilizers, Plant Foods.
3—Oil-s, See Greases, Lubricants, Also Sprays, Emulsions.
5-7—Organic-s, Organic Matter, Organic Materials, See Fertilizers, Soils, Mulches, Composts, Conditioners.
3—Paints.
1—Parking Areas, see Grounds, Roads, Paths.
4—Pathology, Plant Pathology, Botany, Pathological.
5—Peat, Peats, Peat Moss, See Soil Conditioners, Soils, Composts, Mulches.
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7—Plant Food-s, See Fertilizers, Nutrients.
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4-7-8-9—Plant Sprays, See Sprays, Insecticides, Fungicides, Oils, Emulsions.
7-8-9—Poisons, See Animal Poisons, Poison Baits, Insecticides, Animal Pests.
7-9—Poison gasses, See Asphyxiants, Gasses, Animal Pests.
1—Polo Game, Polo Fields.
7—Potash, Potassium, See K; K2O, Fertilizers, Soils, Chemistry.
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1—Roads, See Grounds, Paths, Parking Spaces, Parking Areas, Drives-ways.
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4—Roots.
4—Root Stock-s.
1-4—Rough, Golf, see Areas.
1—Routine-s.
1-7—Safety Rules, Precautions in Work,
DENVER'S 6-YEAR PLAN

(Continued from page 38)
tan tourney. Eight players will win an-
nual tickets for two years duration, at as-
sociation expense to play the municipal
courses. In this two-year period, they also
will get monthly private lessons from a
professional, also at the expense of the
golf association. This would normally con-
ductor the training unless some individual
gave such promise the group should desire
to single him or her out for further train-
ing.

Rewards for Better Pupils

“Attempts will be made to get private
club memberships for the boys and girls
showing unusual promise at the end of this
six year program.

“If the association is financially able, it
plans to award a university scholarship for
four years to any young golfer chosen
whose parents are unable to provide high-
er education.

“The operation of this entire program
will hinge on the financial success of the
first Denver Open, according to Dawson.
Check off your Supply & Equipment Needs. Tear out and mail this sheet to Golfdom, 407 S. Dearborn St., Chicago 5, Ill. You’ll get prices, literature and delivery information direct from the sources of supply.

### Golf Course
- **Aerifier** (for fairways)
- **Architects**
- **Arsenate of lead**
- **Ball washers**
- **Bent grass stolons**
- **Brown-patch preventives**
- **Compost mixers**
- **Compost spreaders**
- **Cultivators: f’way □ green □**
- **Drinking fountains**
- **Fencing**
- **Fertilizers**
- **Flags (greens) □ Flag poles □**
- **Flood lights**
- **Fungicides**
- **Golf Course Const’n Engineers**

### Pro Shop
- **Bags: canvas □ leather □**
- **Bag carts, for players**
- **Balls □ Driving range □**
- **Ball markers □ Painting kit □**
- **Ball Shag**
- **Bandages, adhesive**
- **Buffling motors**
- **Caddie badges □ uniforms □**
- **Calls, for shoes**
- **Caps and hats**

### Club House
- **Adding machines**
- **Air conditioning equip.**
- **Athletes foot preventives**
- **Ath. foot prophylactic bath**
- **Bath mats**
- **Bath slippers**
- **Cash registers**
- **Disinfectants**
- **Fire protection equipment**
- **Floor coverings**

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<td>Scythes (motor driven)</td>
<td>Weed chemicals</td>
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### Pro Shop
- **Clubs: Woods □ Irons □**
- **Club carriers**
- **Club head covers**
- **Club repair supplies**
- **Detachable cleated shoe soles**
- **Dressing for grips □ bags □**
- **Golf gloves**
- **Golf Grips (all weather)**
- **Golf shoes**
- **Golf Practice Device**
- **Grip Renovating Tool**
- **Handicap boards**
- **Handicap racks □ cards □**
- **Mechanical Golf Ball Retriever**

### Club House
- **Heaters: club house □**
- **hot water □**
- **Linens, dining room**
- **Lockers**
- **Movies of Golf Subjects**
- **Runners for aisles □ Rugs □**
- **Shoe dryer and sterilizer**
- **Showers □ Shower mixers □**
- **Shower clogs □**
- **Step treads**
- **Toilet seat covers (paper)**
- **Towels: bath □ face □**
- **Uniforms**

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Send information to: Name

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*July, 1947*
FOR MEN OF ACTION

Each month Golfdom presents the latest, most practical ideas on golf club administration, management, upkeep and service . . . in readily usable form for time, labor and money-saving guidance of officials and department heads. Help the right men at your club do the job right. We'll get them "on the beam" if you'll tell us who they are.

--- FILL IN THE FORM BELOW — THEN MAIL THIS PAGE TO ---

GOLFDOM, 407 SOUTH DEARBORN STREET, CHICAGO 5, ILLINOIS

<table>
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<tr>
<th>Name of club:</th>
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<td>Secretary's:</td>
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<td>Manager's:</td>
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<td>Green Chrmn's:</td>
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All receipts from entry lists, ticket sales and miscellaneous endeavor will go to organizing the gigantic program.

"Experts conceive that if Denver gets this program, the nation's top amateur golfers in a half dozen or so years will originate here, just as the Jones-plan has produced America's top tennis players from southern California."

---

**BACKGROUND OF CHAMPIONSHIPS**

(*Continued from page 25*)

at Plum Hollow when the lag was reduced.

At St. Louis again was shown the need of thin strips of tape or some other means of underlining or otherwise making easier the locating of scores of leaders.

**Club Regulation Enforcement**

Inspection of clubfaces to see that they were in accord with USGA rulings provided some excitement at St. Louis. The players had to alter or discard some clubs at St. Louis. The inspection by the USGA at St. Louis was done by precision instruments which is the only way it can be properly done.

The club inspection was but one of numerous matters pointing to the logic of having one set of rules and standards for championship play and such rules and standards being established by an impartial and judicial authority.

It is obvious that the National Open is a far more rigid test of rules of golf observance than the PGA championship although Open qualifying rounds were featured by conflicting rulings on lifting and cleaning a ball on the green. Adverse weather, turf and maintenance conditions on PGA tournament circuit courses have accounted for general procedure contrary to the codified rules of golf. There were observed in both championships violations that wouldn't have been condoned by the rules-wise women playing in a Class B championship at a cow-pasture course.

**Rules Are Disregarded**

One rule flagrantly disregarded in both tournaments is Rule 18 (3) Touching Line of Putt. "The line of the putt may not be touched, except by placing the club immediately in front of the ball in the act of addressing it and as above authorized. It is not permissible to touch the ground behind the hole in order to point out the line of the putt." The "as above authorized" reference is to the paragraph of Rule 18 (2) which says:

"In moving any loose impediment with the club it must not be laid with more than its own weight upon the ground, nor may anything be pressed down either with the club or in any other way."

And that paragraph of the rule, too, was frequently violated.

It's easy to understand why pressure of the tournament players upon the PGA would result in easing the conditions of course severity and rules laxity. The tournament players are in a tough enough business without wanting to subject their nerves, skill or financial prospects to any avoidable risk. They forced out the stymie although that shot is one that a player with a golf champion's finesse ought to be able to play in demonstrating a spectacular command of a traditionally basic feature of match play.

The result of stymie elimination was to make the PGA championship less of a test of delicate golf technique and virtually a medal play event on a hole by hole basis instead of true match play. Even at that, the PGA finals certainly supplied more see-saw drama than the National Open. The players had to alter or discard some clubs at St. Louis. The inspection by the USGA at St. Louis was done by precision instruments which is the only way it can be properly done.

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**Tournament Strain Shows**

The tournament schedule certainly takes a lot out of the players. Locke showed that by being a very weary fellow after missing a few makeable putts in the last round at St. Louis to lose his title chance through faulty performance in the department where he usually is superb.

When Hogan, Locke and Snead were knocked out in 18-hole rounds at Plum Hollow there was some expressed belief that absence of these three super-stars would reduce the gallery and that the 18 hole rounds should be abandoned because they are unfair and too risky for the name players who draw the big gates. But the absence of the three headliners apparently didn't have any costly effect on the gate. There are some who maintained that if fear...
Classified Ads

Range Balls. New, all natural rubber—cut proof—tough—excellent distance—lively bounce. 10 to 50 dozen, $250 per dozen. 100 dozen or more $225 per dozen. Prompt delivery. 3408 Carmichael Ave., Chicago 12, Ill.

Pro-Greenkeeper — 36 — War vet — married — desires change for next season. Excellent references. Address Ad 703, c/o Golfdom.

Golf Pro — 36 — available for winter months. 20 years’ experience. Highest recommendations. Will take any job connected with golf. Address Ad 705, c/o Golfdom. If you plan to build a golf course, I can design, lay out and supervise construction and take complete charge after construction, as pro, manager and greens supervisor. Fully capable in all departments. 15 years in golf, PGA member. Stress efficiency and economy. Prefer middle south. Address Ad 704, c/o Golfdom.

Manager, pro-greenkeeper — Fully experienced in food and drink service. Expert in turf culture, course construction and maintenance. PGA member. Ten years experience. Can successfully and efficiently operate all departments of medium-sized club. Address Ad 705, c/o Golfdom.

Golf Professional-Manager, wife excellent caterress, desires change to club in West or Midwest. Finest character, creed and ability. References. Could be available Oct. 1st or sooner if necessary. Address Ad 706, c/o Golfdom.

Position wanted by efficient man as Pro or Pro-Greens Supt. at good club. 25 years’ experience. Married; no children. Member NGSA and past PGA member. West or So. West location preferred. Available now. Address Ad 707, c/o Golfdom.

WORTHINGTON OVERGREEN MOWER for sale. For further information write Ed. Matteson, Hopkinsville Golf & Country Club, Hopkinsville, Kentucky.

Golf Professional wants position with a good golf club. Good business man, excellent instructor, capable of assuming full charge of the golf course, university graduate, member of the PGA, married, 37 years’ experience, excellent references. Address Ad 708, c/o Golfdom.


Pro-Mgr. desires year-round club or winter location—have fine organization. Consider lease. Address Ad 710, c/o Golfdom.

Expert Club Repair Service. Clubs refinished, rebuilt. Quick service on all types of repair work. Write for price list. E. L. Wilson, Twin Oaks, Route 1, Box 21, Batavia, Illinois.

Wanted to Travel—with option to purchase, 18 hole course now operating. Prefer year-round operation, Excellent financial and credit standing, 15 years’ experience. Address Ad 712, c/o Golfdom.

Pro or Pro-Greenkeeper, 45 years of age, single, 20 years’ experience wants position in east or middle west. Address Ad 714, c/o Golfdom.

Reprocessed Driving Range Balls @ $2.25 per dozen. Address National Specialties, 5110 W. Washington St., Indianapolis, Ind.

Greenkeeper — 36, wishes to change jobs. 15 years a greenskeeper; some construction experience. J. R. Walton, 511 Morning St., Worthington, Ohio. Phone Columbus Fr 2-6856.

Golf Professional located at one of the East’s most exclusive clubs desires to get connected with club for the winter. Available Dec. 1 to April 1. Address Ad 711, c/o Golfdom.

GOLFER’S RECORD BOOK — A pocket-sized scorebook for the season’s scores on all courses. Ideal for establishing handicap. Lists 1946 champions and major rules. Quantity lots available for clubs or for advertising purposes. Rights also offered for sale. Write for sample copy.

Wants Books P. O. Box 9 Flushing, N. Y.


Club Manager—Specialized in high-class catering and with splendid record, desires to make change. Address Ad 715, c/o Golfdom.

Golf Balls for Driving Ranges. Write for prices and details. Arrow Distributors, 2318 Pitkin Avenue, Brooklyn, N. Y.

Golf Balls—used. We will buy any quantity and pay shipping charges. Write for prices. Arrow Distributors, 2318 Pitkin Avenue, Brooklyn, N. Y.

What’s YOUR course maintenance problem? Qualified advice by national authority. Enclose $5 check for service fee. The answer, or information source, or refund. Write: SPECIAL SERVICE, Box 458, Mountain View, N. J.

FOR SALE

WOODRIDGE GOLF & C. C.

254 acres, 27 holes, rolling, wooded with river running through property. Very scenic, located 26 miles from Chicago loop on state route 53 — 2 miles south of route 34, Ogden Ave., at Lisle, Ill., on C. B. & Q. R. R. Highly improved clubhouse, all modern, 90’ x 64’, 2 stories. Lockerhouse 70’ x 30’, 2 stories, coffee shop and office, 42’ x 42’ with English basement and other buildings, all with cement floors. Gas hot water heat. Has not been operated for 2 years but is in good condition and can be put back in shape for play quickly at small cost. Improvements cost over $200,000. Will carry back part of purchase price. For further information write E. E. Bein, Lisle, Ill., or phone: Downers Grove 8193-M2.
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of losing headliners early in the competition is to be a major element in determining the plan of the PGA championship why not simply give the stars a pass through the perilous stage instead of having them play in a tough championship.

The shot-making demonstrations prior to the championships gave the clubs really something to sell to the public that paid to witness practice rounds. That PGA feature is a great addition to the tournament shows.

It could be extended by a tie-up of illustrated lessons in the tournament programs. The program advertising isn’t what it used to be when the corporation tax situation favored loose use of the 10 cent dollar.

The Michigan PGA took colored talking motion pictures of star shot-makers at Plum Hollow and before long will announce terms under which prints of the film may be secured.

Clubhouse operation at St. Louis CC and Plum Hollow was remarkably swift and smooth as far as the public was concerned although the managers at both clubs were operating under severe handicaps. The St. Louis clubhouse is large and sprawled out. The Plum Hollow clubhouse is small and not laid out to care for heavy rush patronage. But in both cases the emergency was met so players, members, guests and the press were served better than could have been imagined in advance by anyone who knew the problems involved.

Whoever thought of getting Johnny Manion on lend-lease from his club to officiate in the lockerroom at St. Louis deserves commendation for an innovation that should be made standard practice at major tournaments. Manion, a tournament veteran himself and widely acquainted with player, official and press personnel, had all the answers.

A tournament seldom is much of a break for the pro of the host club. It too often means that he is practically out of business during the days of the tournament. There have been some exceptions, notably in 1930 during the Jones finale at Merion when the very canny George Sayers sold a record number of the then new sand-wedges. At Plum Hollow Sam Byrd’s pro shop did big business in golf shoes, sox and hats with the gallery. The Hagen company had a display of playing equipment and apparel in a tent that also did very well.

The pro shop can be an addition to public service at a National Open and Alex Ayton at St. Louis had made tentative plans for taking care of this feature but the plans did not receive official approval.