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tion time, Balan will prevent the new crop of Poa annua seeds from sprouting. Eliminates most of your future problems with Poa annua before they start. Gives your desirable grasses a chance to fill in. UNIQUELY WATERPROOF. Many herbicides are highly soluble in water, and leach too deep into the soil. Not Balan. Heavy

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Want evidence? Balan has been thoroughly tested by Eli Lilly/Elanco laboratories and field stations. Recommended by many universities. Used by top golf courses. In fact, USDA registration acknowledges what many turfgrass professionals have long known from their own testing. Balan stops virtually every annual weedgrass, including Poa. See for yourself.



Goosegrass (alias crowfoot, alias silver crabgrass)



Crabgrass (smooth and hairy)



Foxtail (green and yellow)

Balan stops the annual weedgrasses on your most unwanted list.

Turfgrass management isn't an exact science. Not just yet. You rely on experience, on sound judgment, and on equipment and products that have demonstrated they measure up to your management standards. Balan is the pre-emergence herbicide that does measure up.

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Balañ



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Continued from page 76

is masked by strength in another. Bluegrass-fescue mixtures, however, will be standard for a long time for lawns that have both sun and shade.

Q.-Our club wants to convert from patchy Poa annua and Kentucky bluegrass fairways to bermudagrass. Should we kill the bluegrass first and then reseed with bermuda? We have complete irrigation. Some native bermuda is spreading in our fairways.

(Texas)

A.-In your area you need not consider chemical destruction of all the bluegrass. Annual bluegrass will die if denied water for a few days. Kentucky bluegrass may be a good friend for winter and spring color. By seeding hulled bermuda into the existing fairways and by judicious fertilizing and watering, you should be able to convert to bermuda without the use of chemicals. The punch method of seeding (Gill seeder or equal) is producing excellent results.

Q .- We have many rock (sugar or hard) maples on our course. Would it be all right to mulch my greens (to prevent dessication and winterkill) with these leaves? We can get salt hay but the leaves are free. (Connecticut)

A .- To avoid matting and smothering, it would seem best to first put down a layer of salt hay, then use hard maple leaves to complete the cover. Be sure to use a snowmold fungicide before mulching.

Q.-Why have the prices of grass seed gone up?

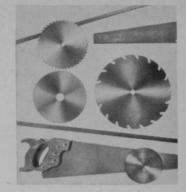
(Delaware)

A.-Turfgrass seeds in the Pacific Northwest normally are cut and windrowed for curing and threshing. This year rains fell on the windrowed seed which then began to sprout. Losses will run from 25 to 100 per cent, and prices will reflect seed shortage.

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Continued from page 13

name pros heavily in golf equipment royalties and in the quality rating of their names as testimonials, TV prices and desirability at prestige private clubs and resorts.

Bob Iones was right about golf being primarily an amateur and participants' game. The amateurs make the market, not the name pros. Bill Holmes, Wilson president, also was right in his concern about how the split might affect golf business. Amateur golfers, to whom service pros are closer than tournament pros, got the idea the playing pros are in golf only for money and they will endorse anything, no matter how cheap.

Increase in tournament money this year is only normal. Calendar problems were added, however. The APG did well for tournament promoters who are in golf to use clubs and club members for promoters' profits and not for the good of golf.

The moral, if any, seems to be what Babe Ruth said: "One day you're a hero; the next day a bum." Incidentally, the royalty paid Walter Hagen last year probably was the biggest ever paid on world-wide golf club sales. And this is 39 years after Walter won his last national title.

Now who's going to be the "czar"? First invitation went to Bill Fownes of Pittsburgh. He refused saying that any man the PGA needed wouldn't take the job. Then Albert Gates, Chicago lawyer and former Western Golf Assn. president, became PGA "czar" and after arranging a PGA manufacturers deal that would have been the basis for the most wonderfully sound retirement plan any pro sport could wish for, got in a cross-fire between pros and quit. He said that trying to create peace between pros was a hopeless job which would drive an intelligent gentleman to strong drink.

John Spodnik, slated to succeed Iames W. Brandt as president of the Golf Course Superintendents Assn. of America graduated from Fenn College with a B.S. in industrial engineering and worked with General Motors for five years

before entering turf work. Norman W. Kramer, a candidate for vice president, in addition to his service as president of the Midwest Turf Foundation, Purdue University, and director of the Michigan Turfgrass Foundation, Michigan State University, has been board chairman of St. Matthews Luthern school board. Keith Nisbet has served as school trustee and as mayor of Aurora, Kans.; Nisbet also is a vice presidential candidate. Warren Bidwell is a former Golf Course Superintendents Assn. president and a candidate for one of the three directorate vacancies. Lynn T. Kellog, another directorate candidate, is a graduate of New York State College of Agriculture with a major in agronomy, plant pathology and entomology. Richard W. Milpass, also a candidate, is serving his fourth term as president of Oregon Turf Management Assn. and has had management experience working with the Department of Agriculture and as a director of a large lending agency. Robert V. Mitchell, another candidate, has a B.S. in business administration. Candidate John J. Perry is a graduate of the University of Massachusetts' turfgrass school. Clifford A. Waggoner, in addition to his having been an official of several golf course management organizations, is a member of the United States Golf Assn. Green

The Charles Bartlett memorial scholarship fund, honoring the late golf editor of the Chicago Tribune and the secretary of the Golf Writers' Assn. has gone over \$9,000. The scholarships will be handled by the Evans Caddie Scholarship Foundation of the Western Golf Assn. Most golf organizations in and around Chicago have pledged annual contributions, according to those who conduct the fund drive.

Mrs. Mary Swanson Sutcliffe, artist, bought old Thermopolis (Wyo.) CC and will restore it to its original condition as a private course for herself and her friends. The clubhouse will be her studio . . . Bob Robbins, formerly director Olympia (Wash.) Parks and Recreation Department

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and in similar capacity at Puyallup, has built The Duffer, a golf practice range and putting course at Olympia. Ronn Grove is pro. Robbins plans to build a ninehole course on the rest of his property.

Frank Dinelli, Sr., 44 years at Northmoor CC, Glencoe, Ill., has retired as superintendent. Frank, Jr., 11 years at the club, succeeds him. Another son, Joe Dinelli, is superintendent at North Shore CC (Chicago district).

Port Charlotte (Fla.) CC course is being remodeled and a new 18hole course is being built at General Development Corp., North Port, Charlotte. M.R. (Chick) Harbert is the corporation's vice president for public relations. The company's five courses are among his responsibilities . . . Maclenny

G & CC, near Jacksonville, Fla., opens with 18 holes; Jack Adams is pro and was formerly at Atlanta Army Depot course . . . Diamond Ridge, an 18-hole course, is the second public course for Baltimore County, Md. Edward Ault designed it . . . Open: Oakcreek CC first nine, designed by Robert Trent Jones, at Sedonia, Ariz. It's a beautiful mountain resort course . . . Lake Bluff (Ill.) park board (Nathaniel H. Aker, president) opens Rockland Park, an 18-hole course . . . Westport GC, an 18hole course, near Denver, S.C., features a housing development. Porter Gibson, Charlotte, is the architect and Bob Galloway is pro.

Another trouble in the superintendents' catalog of headaches: wild pigs rooting up the greens and fairways of Catalina Island (Calif.) course. Apparently, the pigs go for the irrigated areas in the dry California summer.

Waco, Tex., Parks and Recreation Department acquires James Connally Air Force Base, an 18hole course. C.W. (Shorty) Jones, eight years at the course as pro for Air Force, remains. Alva Stem is the Parks and Recreation director.

X.G. Hassenplug, Pittsburgh, Pa., is keeping himself and his staff busy on five jobs under construction: Silver Springs Mountain Resort, Champion, Pa., 7,040 yards; Mayview G & CC, Clarion, Pa., 6,900 yards; second nine of Dubois, Pa., CC; remodeling plus automatic irrigation system at Chartiers CC, Pittsburgh; Ashland, Ohio, municipal nine. Hassenplug is also completing plans for three 18-hole courses to be built in 1969.

Feature story on course maintenance career of Orville Belknap, superintendent, Hillcrest CC, Lincoln Neb., in Lincoln Journal. Belknap started in 1923 at the Lincoln CC and moved to Hillcrest in 1956 . . . Terry Noah opens his nine-hole, par-three Woodlawn course at Fort Smith, Ark., with a program of industrial leagues as a solid factor in his budget. Larry Campbell, pro at Hardscrabble CC, designed Woodlawn and conducts beginners' classes as part of Woodlawn's promotion.

George Stetter opens his Southridge nine-hole public course at DeLand, Fla. Jack Welling is prosuperintendent and has supervised construction of the course, which is an unusually complete high-grade job for a nine.

William McKelvie, 48-year-old head greenkeeper of Dumfries and Count GC, became first winner of Scotland's Greenkeeper of the Year award, presented by Scottish Agricultural Industries. Ltd., in association with Scottish Golf Union. There were 84 other candidates. McKelvie won equivalent of \$240 and his club gets possession of the Perpetual Challenge Trophy for a year. What a great name for a trophy in course maintenance: "perpetual challenge"!

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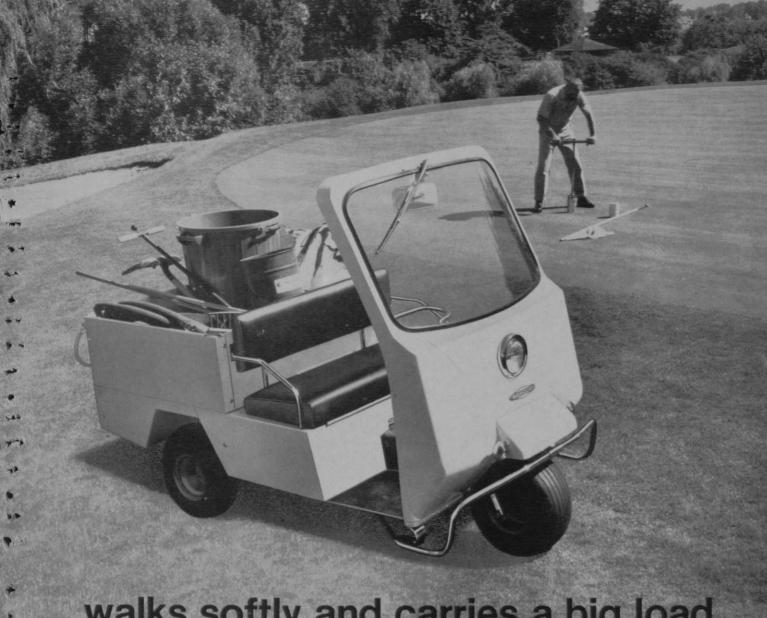
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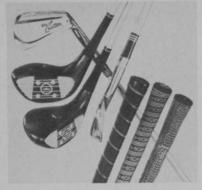
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PGA show products

Continued from page 74



pany's Vertimate, vertical layers of permanently bonded rock maple with a Poly-seal finish, which helps reveal the vertical lamination through the dark pecan finish. A black Imperium insert with PGA's gold crown is another highlight.

The shaft of this wood is also new. An aluminum version of the original black band Dynamic shaft from True Temper is used on all the woods and irons of the Custom line. The irons have been beefed up to provide weight distribution along the full hitting area. A new iron finish, which the company says is the deepest, toughest ever provided, is used.

The woods and irons are individually registered, swing weighted D1 to D4 and are available in A, R or S flex. Grips available are: black and tan leather; black and gold rubber or Cordline. Suggested retail: nine irons, \$225: four woods \$140.

The second addition to the '69 line is the Professional which features aluminum shafts and the latest in wood heads, solid beechwood. PGA has tested beechwood in the laboratory and on the course and has discovered it to be a material so durable and lively, that they believe it will make big news next year. This club, has been finished in rosewood hue and highlighted by a scarlet insert with white bulls-eye and crown.

The irons of this model feature a new wide sole forging with a deep V cut back design and are finished in company's deep iron finish. Grips available are black and red leather or black and gold rubber. Price: nine irons, \$202.50; four woods, \$120.

Multicolor woods in blue, orchid, rose and green highlight those being offered for the ladies in 1969. Aluminum step-down shafts have been added while a blue and aqua rubber grip is featured. The woods and irons are individually registered and swing

weighted C5 to C8. Price: nine irons, \$202.50; four woods, \$120.

Ram's custom aluminum shaft model for 1969 features a True Temper rocket shaft which reportedly provides greater playability because the overall weight of the club allows more weight to be put in the clubhead. The result is greater headspeed with no additional effort. The woods have laminated heads, a jet black finish, twopiece wide-angle insert with hidden face screws, and an S-shaped soleplate that can't shift or loosen. Irons have contour soles, deep-face scoring and thin top line. Prices: men's and ladies' irons, one through nine, \$21.20 each; men's and ladies' woods, one through five, \$32 each.

The custom steel shaft model has similar features as well as a moisture proof head to eliminate shrinking, swelling or warping. Steel and aluminum models come in choice of rubber or leather grips. Prices: men's irons, one through nine, \$18.20 each; men's woods, one through five, \$28.40 each.

Also new to the company's '69 line is the Golden Ram golf ball. It has a maximum rebound center that reportedly will out-rebound other



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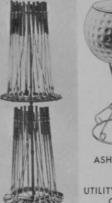


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centers, like liquid, by as much as 50 per cent. Its 100 per cent pure Isoprene high-tension windings are said to provide a uniform, high compression. Exclusive Ramlon cover is the strongest cover material ever used, according to the company. Price is \$1.35 each. A ladies' vinyl golf bag has been added too. Features include: full length clothing pocket, large ball pocket, vanity pocket, side accessory pocket and scorecard holder. Bag has 81/2-inch round top, and a snap-on, zippered travel hood is included. Colors are white with aqua trim and green tapestry with green trim. Price: \$35.20. These products are sold through golf professionals only.

Royal Golf Equipment Sales has added a new line of clubs for men. Featuring an aluminum shaft, the woods offer a contoured sole with a compact shallow face. They are finished in a dark walnut. Suggested retail price: four woods, \$125.

The new irons also have contoured sole and feature a grind that places the weight directly behind the hitting area. Suggested retail price: nine irons, \$195.



The ladies' line of Royal Queen clubs also employs aluminum shafts, and the woods are available in either a black or yellow head. Suggested retail price: nine irons, \$135; three woods, \$75.

Shakespeare Company is introducing a men's and ladies' pro line open stock aluminum shaft set that will be open for at least four years. Suggested retail price: nine irons, \$112.50, four woods, \$80.

The company is again offering its XLD model. This year the line will be available with either fiberglass, aluminum or steel shafts. The steel and aluminum shafts employ the original Tommy Armour NDI design, which features a uniform step-down, flex and feel. Suggested retail price: nine irons, steel, \$173; woods, \$106; aluminum irons, \$193.50; woods \$120; fiberglass \$175; woods, \$108.

A.G. Spalding & Bros.. Incorporated's newest club in the pro line is its

1969 Elite woods and irons with aluminum shafts. The stainless steel irons are recontoured and reweighted for the aluminum shaft. They also feature a "contour-control" sole line with special heel-to-toe curvature and a fully rounded edge. This will enable the head to move closer to the ball at address and cut through the turf



easier or bounce off hard ground. Suggested retail price: nine irons, \$210; four woods, \$112.50.

The Executive line, which was introduced last year, has not been redesigned. Its suggested retail price: nine irons, \$185; four woods, \$125.

Spalding's Top Flight steel shafted pro line designed for the irons also remains the same. The only change is in the Top Flight woods. There is a wide taper Titanite face insert that produces an Opti-View curvature at the front edge which imparts an "open face" look. Also, a full sole plate has been added. Price: four woods, \$110; nine irons, \$160.

For women golfers, there's the Spalding Ladies' Executive aluminum shaft line. The irons have all the features of the men's Executive line, but the woods are made from the finest persimmon woods and finished in brown. Suggested retail price: eight irons, \$185; four woods, \$125.

Wilson Sporting Goods Company presents all new, precisely crafted golf bags. Executive model features extralarge 10-inch, round step-down top ring with French cuff construction. Bag's body and trim leather is in a new swept flare styling. Star shape, six section design club dividers extend full length of bag. Other features include: spacious, double zippered well ball pockets . . . extra-large brass zippers . . . full length clothing pocket and zippered utility pocket ... top and bottom cuffs . . . individual locks and keys for guarding each compartment . . . matching carry-all (\$70) and shag bags (\$25). Suggested retail price for Executive bag, \$175.

Wilson also is introducing a newly designed line of Patty Berg Staff clubs with aluminum shafts. The irons have a sand blasted face and feature a drilled through hosel for weight distribution. The woods have Strata-Bloc heads finished in ebony. Suggested retail price: nine irons, \$197; four woods, \$120.

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