



Members of the recently formed Industry Advisory Council of the Golf Course Superintendents Association of America met at GCSAA headquarters in Lawrence, Kan.: (from left, first row) President Richard Malpass, Portland, Ore.; Vern Worrel, Cushman-Ryan; Jim Watson, Toro; and executive director Conrad Scheetz; (second row) Vice President Ted Woehrlé, Birmingham, Mich.; George Horn, O. M. Scott & Sons; Jim Latham, Milwaukee Sewerage Commission; and Ted Smith, Smithco; (third row) Tom Haschen, Du Pont; director Lou Haines, Denver; Bob Moore, Aquatrols; director Gordon Witteveen, Toronto; and John Kinkead, National Mower.

Suggestions for Pay Wage For Summer Help Given

How much do you pay your summer help? Larry Bunn, superintendent at Blue Hill Country Club in Massachusetts did an informal poll recently; here are his results:

The low starting salary was \$2.30 an hour to a high of \$3 an hour. The average starting pay for summer help was \$2.60 an hour. Pay for summer help who returned each year or experienced help ranged from a low of \$2.75 to a high of \$3.30 an hour. Their average pay was about \$3 an hour.

Hopkins Chemical Acquires Allied Pesticide Department

Crown Chemicals, St. Louis-based pesticide manufacturer and distributor, has announced the acquisition of Allied Chemical Corp.'s pesticide department by Hopkins Agricultural Chemical Co., Crown's parent company.

Crown now offers, as additions to its line of herbicides and spray adjuvants, the Urox family of monuron-TCA and bromacil soil sterilants and Plyac spreader-sticker.

Sod Producers Convention July 21-23 in Rhode Island

The American Sod Producers Association will meet July 21-23 in Newport, Rhode Island for its annual summer convention and field days. The Treadway Inn is headquarters hotel.

Chairman of the event is Chris Beasley of Tuckahoe Turf Farms, Canton, Mass. The format will follow previous years, with commercial displays and an open house Wednesday night July 21 in the exhibit area of the Treadway, as well as a free continental breakfast in the area Thursday morning for all participants.

The same morning, the business of the Association will be conducted and the afternoon of Thursday and all day Friday will be spent in the field.

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Radko Is National Director Of USGA Green Section

Alexander M. Radko has been appointed a national director of the United States Golf Association Green Section.

He will head up a scientific team of agronomists in bringing the soundest turf management counseling possible to USGA member clubs. A number of new activities are being planned for the turfgrass service of the Section and Radko also plans to devote additional time to turfgrass research projects sponsored by the organization. He has been with the USGA since 1947 and served as the eastern director for 22 years.

Maryland Turf Association Publishes Sod Directory

The Maryland Turfgrass Association and the Maryland Department of Agriculture have released the first edition of a *Pick Up Your Own Sod* directory.

The directory lists 39 Maryland sod growers who sell to customers on a direct basis. This new sod sales

program outlined in the book is new to most of the growers this year.

The directory includes information on types of sod and has complete installation instructions. Persons wishing a copy should send one 13-cent stamp and their address to: *Pick Up Your Own Sod*, Maryland Department of Agriculture, Parole Plaza Office Building, Annapolis, Md. 21401

Course Maintenance Costs Up Nine Percent in 1975

Golf course maintenance costs for 100 selected clubs with 2,124 holes of golf were 9.3 percent greater in 1975 than in 1974, and net golf expenses showed an overall advance of 8.9 percent, according to a recent study released by Harris, Kerr, Forster and Company, certified public accountants.

On a per-hole basis the 1975 maintenance costs averaged \$7,962. Payroll and related costs averages \$5,318 (67 percent); all other expenses averaged \$2,644. The results were reported in the National Golf Foundation April Golf Market Report.

Herbicide Facility Expansion Announced by Monsanto

Monsanto Co., St. Louis, Mo., has announced a multi-million dollar expansion of its Roundup herbicide production facilities in Luling, La. The expansion, expected to be onstream early next year, will double capacity of the initial herbicide production unit in Luling which became operational early this year.

Richard J. Mahoney, corporate vice president and managing director of Monsanto Agricultural Products Co., said the increase in the herbicide production capacity is being made to meet anticipated heavy demand. "Its introduction earlier this year for major crop use in the United States and Canada is expected to greatly accelerate demand," Mahoney told WEEDS TREES & TURF.

Landscaping Adds Dollars To Home Property Value

The presence of trees around a house may enhance the value of that property by as much as 20 percent, with an average increase of five to 10 percent. This can translate to a \$3,000 to \$7,000 jump in the home's selling price.

So says Dr. Brain R. Payne, United States Forest Service environmental researcher at the University of Massachusetts, Amherst, one of the scheduled speakers at New Horizons' Day to be held during the 101st Annual Convention and Exhibit of the American Association of Nurserymen July 10-14 at the Sheraton-Boston.

Dr. Payne has done considerable research on the subject and has found landscaping around a house appears to have a tangible effect on its marketability.

Bronze Birch Borer Control By Spraying in Early June

Wilting or crown diebacks are signs of the bronze birch borer at work. If your birch trees showed these symptoms last year, spray in early June to control the pest this year.

"The bronze birch borer adult is

a small, dark, metallic beetle," says Jim Liebherr, Michigan State University entomologist. "The adults emerge from infested trees in early June and lay their eggs. When the larvae hatch, they bore into twigs and branches and feed there. It is this boring that causes the damage."

To be sure the wilting is caused by the bronze birch borer, examine the wilted branches. Rusty or reddish brown trails on the bark just below the wilted part are sure signs the pest is present.

Once the larvae are under the bark, you cannot touch them with insecticides, Liebherr points out, so your best chance to control the pest is in June when the adult beetles emerge.

Begin controlling the bronze birch borer by pruning out dead limbs and branches in May. Burn or haul away these branches — they may be sheltering the insect.

Following all label directions, spray bark and branches with a lindane spray about June 7 and again 10 to 14 days later. This treatment will help control the adult beetles and prevent egg laying on your tree.

Healthy trees are less likely to be attacked by the beetle than unhealthy ones, Liebherr notes. To minimize the danger of borer damage, water and fertilize birch trees to keep them growing vigorously, Liebherr advises.

Chemical and Turf Division Established by Ramsey Seed

A new chemical and turfgrass division has been formed by Ramsey Seed, Inc., Manteca, Calif., to provide turf seed mixtures and chemical algae and herbicide control for golf courses, parks and other landscape projects.

Larry Evans will serve as manager of this new division, according to President W. H. Ramsey. Evans has directed chemical product sales for Ramsey Seed for the past four years, including Curtrine for aquatic algae control.

Ramsey Seed is one of California's processors and wholesale distributors of a broad line of grass and clover seeds for landscape and agriculture planting. Its products include such widely used landscape

seed varieties as Blando Brome, Annual Clovers, Lana Vetch, and turf-grass seeds.

The new division will provide seed mixes of these and other varieties to individual specifications, and will assist project managers in developing blends that best fit local soil and climatic conditions.

Seeds in these mixes can be coated with Pel-Kote, if desired. This Pel-Kote process places amounts of specific strains of rhizobia around clover seeds, to assure proper inoculation with nitrogen-fixing bacteria. It also places a nutritive coating around both clover and grass seeds, to improve germination and seedling vigor by creating an optimum micro-environment around individual seeds.

The division's Cutrine-Plus is a highly effective chemical that controls chara, nitella, and other algae that grow on the bottom; also, filamentous algae that grow on the surface. It both controls and restores the beauty and usefulness of water in ponds and reservoirs.

Weedtrine-Plus is effective in controlling a broad range of aquatic plants and algae.

Slide-Cassette Presentation Developed by Sod Producers

The American Sod Producers Association board of trustees has authorized production of a slide-cassette presentation to be utilized by members as a promotional tool.

The project is now well underway with initial script and slide designations already reviewed by the board. The presentation is being developed by Lew Cole Enterprises of Grand Island, Neb., which has had wide experience in the audiovisual field and has produced a number of similar promotional presentations for major manufacturers and business groups.

Upon completion of the project, the five-minute presentation will be made available in sets to the individual members for use with their particular customers and points out the value of sodding, including aesthetic, economic and the practical aspects related to the use of sod in a variety of ways.

Seay Is Elected President Of Golf Course Architects

Edwin B. Seay of Ponte Vedra Beach, Fla., was elected president of the American Society of Golf Course Architects at the group's 30th annual meeting at Del Monte Lodge in Pebble Beach, Calif., recently. He succeeds Geoffrey S. Cornish of Amherst, Mass.

Seay, who has been involved in the design of over 50 golf courses, is now working on projects in 15 states, Japan, the British West Indies, Central America and Europe.

Other officers elected at the meeting include William W. Amick of Daytona Beach, Florida, Vice President; Rees L. Jones of Montclair, N.J., Secretary; and Jack Kidwell, of Columbus, Ohio, Treasurer.

In addition to the officers and past presidents, other elected to the Board of Governors include: Arthur Jack Snyder of Phoenix, Gerald Matthews of Laingsburg, Michigan, Mal Purdy of Livingston, N.J.,

Richard Phelps of Lakewood, Colorado, Dave Gill of St. Charles, Illinois, Richard Nugent of Palatine, Illinois and Phil Wogan of Beverly, Massachusetts.

Mark Mahannah of Miami and William H. Neff of Salt Lake City were elected Fellows of the Society, which includes leading golf course architects from Canada, Mexico and the United States. Both Mahannah and Neff have been members of the Society for more than 10 years and have reached the age of 70.

Frank "Sandy" Tatum, Vice President of the United States Golf Association, told the architects that "your statements about the game are the ones that count most and the ones that last. You inscribe your views, thoughts and feelings about the game in the ground and those inscriptions will be there as long as the courses are there to tell the golfer what he has to accomplish to satisfy your view of the game.

"The courses you design, therefore, are relatively permanent inscriptions on and in the face of the earth that say what you think and

feel golf is all about and also whether and to what extent you understand, appreciate and indeed love it."

Pesticide Book Helpful For Taking State Tests

A new book especially helpful to anyone preparing for federal and state tests leading to certification or licensing as a pesticide applicator has been published by W. H. Freeman and Co., 660 Market St., San Francisco, Calif. 94104.

Pesticides: An Auto-Tutorial Approach was written by George W. Ware, professor and head of the entomology department at University of Arizona, Tucson.

With this volume, one can learn the fundamentals of pesticide chemistry; what the various pesticides are, how they work, and how they can be handled safely; and an appreciation for the value of twentieth century "super chemicals," the publisher said. The material has been selected for either self-study or classroom use.

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NEWS *continued*

Michigan Nurserymen Meeting Set for Saginaw

The 55th annual Michigan Association of Nurserymen convention will be at Saginaw Civic Auditorium February 15-17. Convention chairman is John Burdick, Burdick’s Seed House, Saginaw.

Over 80 spaces have already been requested by exhibitors. The Michigan Association of Landscape Architects, Michigan Christmas Tree Association and Sod Growers of Michigan have been invited to hold their annual meetings in conjunction with the convention.

Workshops and sessions of general interest will be prepared utilizing personnel from Michigan State University Department of Horticulture and other members of the industry.

Illinois Superintendent Gives Thoughts on Show

Michael R. Bavier, superintendent at Inverness Golf Club, Palatine, Ill., took time in a recent issue of the newsletter of the Midwest Association of Golf Course Superintendents to voice his thoughts on the

recent Golf Course Superintendents Association of America turfgrass conference in Minneapolis, among other things. Some of his thoughts are shared here.

“Our certification program is adequate,” he said, “but would carry much more meaning if the pesticide seminar was handled in conjunction with it, which in turn might be valid for state pesticide licensing.”

He also said the conferences concurrent sessions divide everyone up so that only a limited number of people attend each session.

“With so many speakers, one becomes frustrated trying to decide which one to attend,” he said. “The cost of bringing out-of-town speakers to the conference is quite enormous, as you can well imagine. Are we missing the point of having some of our best people give talks and also of leaving a little time for the equipment show and for turf talk with fellow superintendents?”

Are Turfgrass Clippings Potential Animal Food?

There may be an important potential market in the future for turfgrass clippings as animal food sources, according to Dr. Al Turgeon of the University of Illinois.

Speaking at a meeting of the American Sod Producers Association earlier this year, Dr. Turgeon stressed present economics do not make this a realistic possibility, but that situations change, and it may be a thing of the future. He said Warren’s Turf Nursery, Palos Park, Ill., pelletizes its clippings, and there are other possibilities like this.

He said lutein content is necessary for the poultry market, and crude protein content is necessary in the clippings for cattle-feeding. Mowing height and fertilization have effects on the protein content — with a lower cutting height, there is more protein available; and timing of nitrogen fertilization also affects the content. The type of nitrogen carrier also has an effect on the protein yield.

He also said there are presently studies going on using turf clippings as sheep feed.

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NEWS continued

Lower Use Rates Announced For Elanco Herbicide Spike

The Environmental Protection Agency has accepted reduced use rates of Spike, a herbicide for total vegetation control in non-cropland areas. It is manufactured by Elanco Products Co., Indianapolis, Ind.

The company recommends using the following reduced rates. In non-cropland areas east of the Rocky Mountains treated the previous season with Spike or other residual herbicides, two pounds per acre, applied prior to or just after plant emergence, will control the following: annual bluegrass, Kentucky bluegrass, bouncingbet, wild carrot, common chickweed, crabgrass, croton, annual fleabane, fox-tail, horseweed, milkweed, mullein, fall panicum, wild parsnip, pepperweed, pigweed, common ragweed, smartweed, sweetclover, Canadian thistle, and yellow woodsorrel. In addition to these weeds, it will control goldenrod and spurge at three pounds per acre.

In non-cropland areas west of the Rocky Mountains treated the previous season with a residual herbicide, 1.5 pounds of it per acre will stop fivehook bassia, cheat, cud-week, foxtail, prickly lettuce, milkweed, wild oat, bristly oxtongue, pigweed, plantain, annual ryegrass, saltbush, shepherds-purse, and witchgrass. In addition to these weeds, it will control the following when applied at two pounds per acre: buttercup, reed canarygrass, Russian knapweed, knotweed, mallow, mustard, western ragweed, yellow starthistle, telegraphweed, and Russian thistle. At three pounds per acre, Spike also kills barley, gumweed, puncturevine, alkali sida, and swamp smartweed.

Warren's A-34 at Kennedy

Robert Kennedy Memorial Stadium in Washington, D.C. was sodded in the spring of 1975 with Warren's A-34 Kentucky bluegrass, furnished by Princeton Turf Farms, Centreville, Md. A news story in the April issue did not have this information.

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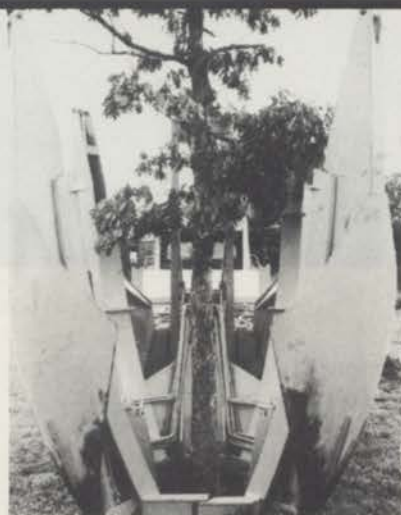
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