



L. C. Wood of Febco, Sun Valley, Calif., and Ernest F. Wolfgang, Jamaica Plains, Mass., talk about irrigation automatic controls. And in the right picture, Mr. and Mrs. Clyde Mc-



Cune, distributors at Omaha, Neb., talk herbicides with Roger Gilmore, turf products manager at Diamond Shamrock's Cleveland, Ohio, headquarters.

ticularly pesticides.

Thus, Miller pointed out that the buyer has ample opportunity to get the products which best suit his needs. Miller suggested that superintendents "be aware of the problem, aware of their needs, aware of products available, and buy products best suited for their purpose." A manufacturer, Miller stated, to be successful in the turf market must understand the problem, develop new products, reevaluate older chemicals, promote programs to provide results required by superintendents, and at the same time return a profit to both the distributor and himself.

Changes Coming on Golf Course

Looking ahead to golf courses in the 70s, Geoffrey S. Cornish, golf course architect at Amherst, Mass., specified 18 coming changes. First, he said that golf courses and superintendents will play a role in controlling smog and pollution. The four-day work week may require up to 1,000 new courses each year (more than 2½ times the current rate of construction). His third and succeeding points were: new courses will be designed for all types of golfers; heavier play on existing courses and greater use of golf cars; greater demand for turf perfection;

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Outgoing President John J. Spodnik, left, passes the gavel to newly elected President Norman W. Kramer, superintendent at Point O'Woods Country Club, Benton Harbor, Mich.

greater demand for eye appeal; ever rising construction and maintenance costs; labor shortages to become more critical; machine maintenance to become a must; improvement in labor saving equipment and irrigation systems; older courses to require extensive changes; improved construction equipment and techniques; improved grasses, fertilizers and soil conditioners; improved weather

forecasting; limitation of use of certain pesticides by legal decree; greater knowledge of biological and radiation control; new and more selective chemicals; and more knowledge of the "delayed action" of chemicals and their role, if any, in turf injury in periods of stress. Cornish felt that, as a result of these changes, the 1980s will find more and better golf courses in operation.

Table 1. Record Conference Attendance in 1970: Again the GCSAA International Turfgrass Conference broke attendance records. Statistics for the past four years are:

	Houston, Texas (1970)	Miami Beach, Florida (1969)	San Francisco, California (1968)	Washington, D.C. (1967)
Members	1182	1078	902	1066
Ladies	592	620	610	565
Guests	189	194	192	246
Greens Chairmen	211	506	90	110
One Day Admission	419	285	286	315
Turf Students	52	57	13
Exhibitors	975	771	730	738
Total Registration	3620	3511	2823	3040



Officers and directors elected at the 1970 GCSAA conference are, from the left: Norman W. Kramer, president; Richard C. Blake, vice-president; Clifford A. Wagoner, director; Garold Murphy, director; and Palmer Maples, Jr., director.



FLORIDA Associated Nurserymen, Inc., has announced a \$1,000 award and certificate of merit to the person who first produces a quickly degradable chlorinated hydrocarbon pesticide of low toxicity to warm-blooded animals that would be adaptable for general use in agriculture and horticulture. "We invite our fellow citizens to join with us, adding their interest, humane and monetary, to what we believe to be a most worthy as well as necessary proposal."

* * *

SOD FARMING will be Delaware's biggest crop by 1980, predicts Elwyn Deal, University of Maryland turf specialist. To be profitable, it must be done on a large scale, and there is no place in the industry for poor quality and cut-rate prices, he said. The difference in high-quality sod and cheapest field sod for a typical suburban home is about \$200, he said. For the \$30-\$40 thousand home, cheap sod is a disservice, he added.

The average return to the grower in Maryland, Deal calculated, is about \$330 per acre.

* * *

THE SAD STORY from Fort Worth is that SAD (St. Augustine Decline) has killed the Tarrant County Courthouse lawn. County Agent Gene Graves reported that the disease also had destroyed many home lawns in the county.

* * *

MISSOURI CITIES hard hit by Dutch Elm Disease, or other arboricultural problems, for that matter, can request help from foresters of the Missouri Conservation Commission. Osal Capps, state forester, told the Kansas City Star that "In communities of less than 10,000, we'll help on specific problems or on a complete civic program for planting and maintenance. But in larger cities, we'd have to restrict help to specific problems. We'll be advisers only."

* * *

NEW ZEALAND has reached a new plateau in governmental efficiency by decreeing that rabbit inspectors will now become noxious weed inspectors also. Apparently, the theory is that where you find one you'll find the other.

index to advertisers

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Davey Tree Expert Co.	19
Diamond-Shamrock Chemical Co.	4 and 5
Ditch Witch Trenchers	37
E. I. duPont de Nemours & Co.	9
Elanco Products Co.	28 and 29
Gieringer Manufacturing Co.	51
Hercules, Inc.	25 and 26
Jacklin Seed Company, Inc.	52
Mitts & Merrill, Inc.	39
Mobile Aerial Towers, Inc.	43
Mock Seed Corporation	32
National Mower Co.	31
Niagara Chemical Div., FMC Corp.	6
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Nursery Specialty Co.	22
Practical Products Co.	32
Rain Jet Corporation	45
Ra-Pid-Gro Corporation	30
S & D Products	42
Sabre Saw Chain, Inc.	41
O. M. Scotts & Sons Co.	53
Selma Tractor Co.	50
Shamrock Turf Nurseries	33
Stanford Seed Co.	50
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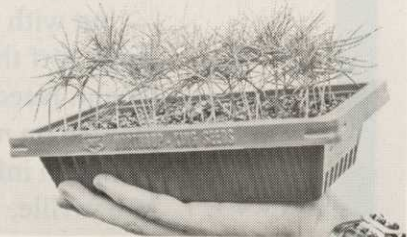
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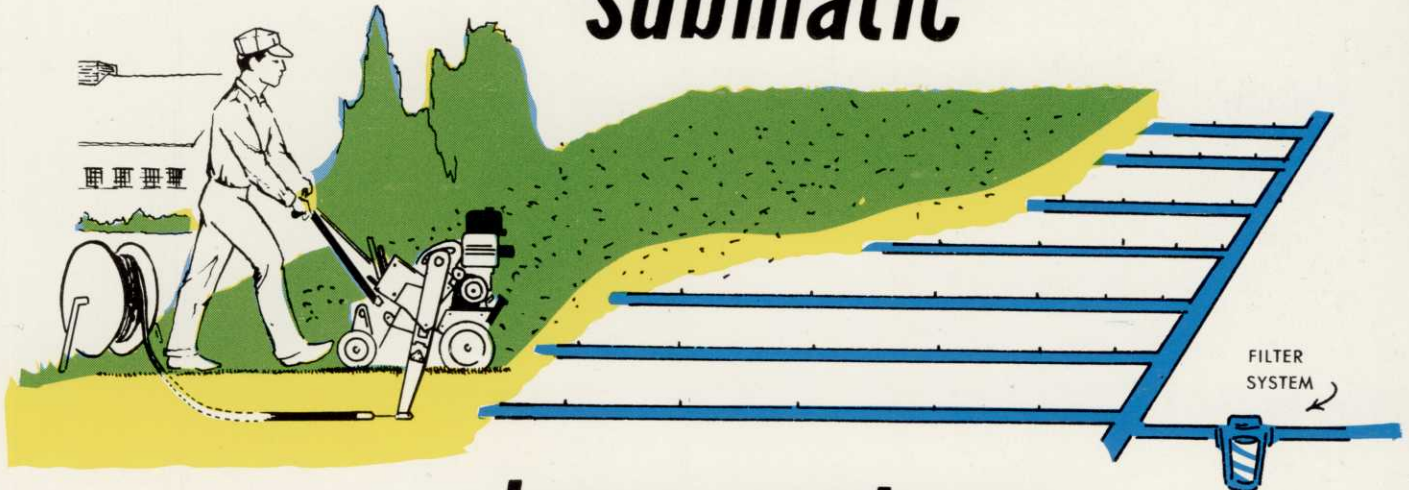
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