

THE BULL SHEET, official publication of THE MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS.

DICK TREVARTHAN, Editor
122 Evergreen Drive
Frankfort, Illinois 60423

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First Vice-President — Dick Trevarthan
Second Vice-President — Joseph Canale
Secretary-Treasurer — Oscar Miles

DIRECTORS

Alfred Bertucci	Theodore Sokolis
Harold Frederickson	G. Thomas Gilman
Bertram Jannes	John West



The President's Message

A new year, new hope, new ideas, new faces, and a new administration, in our National and many city and local governments. The Midwest Association of Golf Course Superintendents too has taken on some of these aspects. At our first Board Meeting the various committees were appointed and many items discussed and debated. Many new ideas will be tried and hopefully will be successful and accepted. Many of the old procedures may be redesigned and hopefully improved or discontinued. The new board will work with keen and sincere intent for the best interest of the Midwest. A lot of emphasis will be placed on education and research — not only from the standpoint of growing turf, but also in public relationship or anything related to our profession. I feel confident that the educational committee will go to all ends to promote this one important objective.

Arrangement and entertaining for our meetings and few social functions are becoming more difficult to place every year. I know the committees are aware of these problems and will handle them with diplomacy. Our Arrangement chairman has many fine tentative clubs for meetings sites for the coming year.

Golf has been assigned to a committee headed by a person who plays it well and I am sure loves it more. It is the only commodity we have to sell, and should be upgraded and played more by all of us. Let's have good participation by all this coming year.

Publicity in the proper light is something that cannot be overdone, in view of the fact that some controversial columnist and individuals present us as "villains of the links". This committee is placed in the hands of a very capable person with experience in this phase, and will do an excellent job of promoting all of us.

It was with regret that I accepted two resignations within the past few days. Walter Fuchs, your immediate past president, resigned because he is now located in Columbus, Ohio and would be making few if any of our meetings. The Board has appointed John West (a candidate for director at the Annual Meeting) to fill the vacancy for a one year term.



ELECTION FOR 1969

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John West

Also the resignation of Paul Voykin, our Advisory Delegate to the National, was received. Paul, I felt, had done an exceptional fine job for us in this capacity for a number of years, and it was with regret that I accepted his resignation. The Board elected "yours truly" to fill that vacancy. So Harold Frederickson and I will be your Advisory Delegates to the National Convention.

Thank you all for giving me the privilege of serving as your president for 1969. I know it will be full of challenges, experiences, and demands. And I hope I can contribute something to the Midwest. I do not intend to have a message for you every month, as I feel this space can be used for other knowledgeable items of importance. I am sure if we all attend the monthly meetings we will be informed. Messages will be given to you whenever I feel matters of importance should be brought to your attention and you should be made aware of.

Hoping to see as many of you as possible at our monthly meetings, and also at the National Convention in Miami Beach in January. And that you will all have a pleasant and wonderful year in turf, your personal life, and the Midwest Association of Golf Course Superintendents.

Respectfully submitted,
Ed Wollenberg



OSCAR MILES, Winner of the annual Charlie Bartlett Award for outstanding achievement in the field of journalism. One of Oscar's articles appeared in the July issue of The Golf Superintendent, Titled "Preparing For The Western Open."

The **MAGCS Hospitality Suite** will be open Sunday Evening January 19, 1969, in Miami at the Fontainebleau Hotel.

Future Meeting Sites for the MAGCS

1. February — no Meeting
2. March meeting — March 13, 1969
Cherry Hills Country Club
Flossmoor, Illinois
3. April meeting — April 15, 1969
Sportman Country Club
Host: Robert E. Block
Featuring afternoon Bowling

The following are Committees Chairmen for 1969.

1. **Education & Research**
Theodore Sokolis & Dick Trevathan
2. **Arrangements**
Oscar Miles & Bertram Jannes
3. **Entertainment**
Bertram Jannes & Thomas Gilman
4. **Golf**
Joseph M. Canale & Alfred Bertucci
5. **Membership**
Alfred Bertucci (North)
Theodore Sokolis (West)
Harold Frederickson (South)
6. **Placement**
Edwin Wollenberg
7. **Publicity**
Oscar L. Miles
8. **Benevolence**
Alfred Bertucci & Harold Frederickson
9. **Attendance**
Harold Frederickson
10. **By-Laws**
Joseph M. Canale & John West

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HOLMES' CORNER

by James L. Holmes
USGA Green Section
Mid-Continent Director

The 16th Annual Turf Clinic, sponsored by the Midwest Association of Golf Course Superintendents, at Medinah Country Club, on November 19-20, was obviously a resounding success as more than 180 were in attendance. Dr. Houston B. Couch, key-note speaker, discussed overall maintenance of turf grasses based upon improvement in management programs through disease control. Dr. Couch was his usual entertaining self, and left us with a good sound message.

The trap maintenance panel, participants including, Harold Frederickson, Philip Bersin, Tom Gilman and Paul Voykin was excellent. I hope the information which came from this discussion is made available. Somewhat of a paradoxical question was put forth to the panel as to "exactly what is the purpose for having sand traps on a golf course?"

Later in the program Dr. Couch and Dr. Malcolm Shurtleff gave us a complete synopsis of the various fungi which are inciting organisms for turf grass diseases, and, suggested controls. As well as controls Dr. Shurtleff had some key information on which chemicals may or may not be mixed together in the same spray tank.

Mr. Charles Eckstein, past president of the Chicago District Golf Association, as well as being active in practically all phases of golf in the greater Chicago area, was toastmaster at the annual banquet. Mr. Eckstein enlightened us with an extremely interesting and informative discussion regarding the recent trip that he and Mrs. Eckstein made to the Costa del Sol in Spain.

Again this year, I had the distinct pleasure of appearing at the Minnesota Golf Course Superintendents Association's 41st Annual Turf Conference, as a speaker. This is one of my very favorite turf conferences, as the men in Minnesota not only put-on an excellent turf conference but are able to make any and all outsiders thoroughly welcome. The highlights of this conference centered around automatic irrigation. It is interesting to note that superintendents in the Twin City area are actually leaders in installation of automation, in the Midwest. This is somewhat surprising when considering that Minnesota is quite far north, with a considerable amount of an-

nual precipitation. In any event, some of the systems installed are quite sophisticated and golf course superintendents are unanimously in favor of automation. Other highlights of the program, was the work being done at the University of Minnesota by Dr. Don White, especially his selection work with various types of fescue and his interest in esthetic grasses, for use on golf courses. Obviously we will be hearing more about Dr. White's work, in the future. Jim Watson gave a summary of the "mulching or turf blanket" work he has done for many years at the Toro Research plots. At the present time Jim says that open mesh type material appears to be the best.

Again this year the Wisconsin Golf Course Superintendents in conjunction with the Milwaukee Sewage Commission conducted a unit symposium, or one specifically to encompass one thought, idea or subject. The subject this year was **Poa annua**. The meeting, held on December 11-12, had many nationally recognized speakers such as Dr. Ralph Engel, Rutgers University, Dr. William Daniels, Purdue University, Dr. Paul Sartoretto, Cleary Chemical Company, Arthur Anderson recently retired Golf Course Superintendent from Braeburn Country Club, West Newton, Massachusetts, and Cecil Kerr, Manager, Turf Division, Chipman Chemical Company. The following was considered: 1) What is **Poa annua**? 2) **Poa annua** control through maintenance programs. 3) Chemical control of **Poa annua**. Mr. Anderson gave an excellent presentation discussing overall maintenance or turf management programs designed to grow grasses other than **Poa annua**. Mr. Anderson pointed out that he has been able to grow either Kentucky bluegrass or bentgrass primarily through maintaining for these more desirable types rather than for **Poa annua**. Specifically, Mr. Anderson said that most people tend to over fertilize, especially, with nitrogen, and to water entirely too frequently. These practices will and do encourage **Poa annua** to the point that it is almost impossible to control. Both Dr. Daniel and Dr. Engel discussed the taxonomy of **Poa annua** and explained various methods of chemical control. Chemical control at the present time is centered around the use of arsenicals such as calcium and lead arsenate, bensulide, and benefin. Cecil Kerr gave a complete run-down on actual and practical use of calcium arsenate and methods used to gradually reach toxic levels. It was repeatedly emphasized throughout these discussions, that rapid surface drainage or rapid removal of surface water, is absolutely essential before any **Poa annua** control programs are to be commenced.

Other prominent speakers such as Sherwood Moore, gave an interesting run-down on his "scorched earth" program at Winged Foot Country Club. Bill Small discussed the use of bensulide as packaged and sold by Mallinckrodt Chemical Works and Don Frank addressed the audience regarding research currently being conducted by Eli Lilly Company in testing their benefin material. Dr. Paul Sartoretto pointed out advantages which could be gained by using phenylmercuric acetate on **Poa annua**, especially as a wet deterrent.

I learned from Walter Fuchs, Jr., while attending the Wisconsin Turf Conference, that he plans to enter into private business. He plans to offer chemicals and other turf products in the Chicagoland area. The newly formed company will be known as "Turf Products". I certainly wish Walt success, and if his work with the Upjohn Company, the past few years, is an example "Turf Products" will succeed.

THE HOUSE YOU LIVE IN

The house you live in. Is it owned by the country club where you tuck in the fairways and pull the covers up over the traps before they go to bed each night?

If you happen to be included among this all too slowly-vanishing breed of superintendent, perhaps the arrangement is ideal. But for the most part, what usually comes from such a togetherness existence results in added woes and discomfort for the golf course's star boarder.

The practice of throwing the super a bone in order to make the job opportunity appear that more lucrative, thank heavens, is losing its appeal.

There have been several examples of bad tastes erupting from the mouths of those who accepted such a candy-coated deal.

The typical house and lot setup goes something like this: In all likelihood the house looks as though it might not stand long enough to even be condemned. Usually, it is a castoff and the little woman who inherits it as a reward for being married to the duped super suddenly discovers she should have listened to mother before taking the big step. Thus, the association of new club and new superintendent gets off to a terrifying internal spat and start.

From there, things only can get worse. There are instances when club presidents, greens chairmen and other hi-falutin' members look upon the grounds residence as a number of conveniences. With them it always is open house, a free bar and only a stone's throw from some silly complaint.

The super with the built-in house also suffers the ravages of being on call 24 hours a day. It is not uncommon to be summoned from a Sunday afternoon at home with the wife and kiddies because some club whip had his ball bruised by a sprinkler head. It should be removed at once "or the board of governors shall receive a letter" from his highness.

Even the occasion of living within wedge distance of the course makes for an unnatural feeling. As one superintendent aptly described it . . . "I don't want to wake up in the morning, look out the window and see that damn course staring at me when I have to live with it the rest of the day."

In addition to these setbacks, there are a number of other arguments to direct the super away from on-the-course living. One lesser publicized fact is the possibility of future financial sickness, because of the loss of opportunity to accumulate equity on a mortgage which sometimes acts as an incentive in owning your own home.

The sermon here is not in direct opposition to the practice, should the individual superintendent realize the pitfalls involved but still accept the lure of free housing. It is more of a warning to those, who might plunge into such a happy-sounding affair, then regret it while still having to live with it. No matter how you slice it, the word for the day on this matter is "caution." The house you live in may make the difference between a happy and sour association with your next post along the golf course beat.

— Gerry Finn
GCSA of New England

PRESS RELEASES from Buchen & Co.

Paul Voykin, golf course superintendent, Briarwood Country Club, Deerfield, Illinois, will be a featured speaker at the 40th International Turfgrass Conference and Show, January 19-24, 1969, at the Fontainebleau Hotel, Miami Beach, Florida.

James W. Brandt, president, Golf Course Superintendents Association of America, the sponsoring group, said Voykin will speak on "Efficiency In Operations Which Help The Superintendent."

Author of "A Perfect Lawn The Easy Way," which will be published by Rand-McNally in 1969, Voykin began his turf career at Olympia Fields (Illinois) Country Club before becoming golf superintendent at Calumet Country Club, Homewood, Illinois for three years. He was then named to his present position.

A native Canadian, he is one of three brothers, all of whom are golf course superintendents. A fourth brother operates a driving range. Voykin is the current vice president, Midwest Association of Golf Course Superintendents.

Charles C. Vance, vice president and director, Buchen Public Relations, Inc., Chicago, Illinois, will be a feature speaker at the 40th International Turfgrass Conference & Show, January 19-24, 1969, at the Fontainebleau Hotel, Miami Beach, Florida.

James W. Brandt, president, Golf Course Superintendents Association of America, the sponsoring group, said Vance will speak on "What To Look For In the Future — Public Relations."

Born in Streator, Illinois, Vance joined Buchen in 1961. Previously, he was vice president, Mayer & O'Brien, Chicago Public Relations firm, for nine years; acting superintendent, departmental reports, State of Illinois and assistant city editor, Illinois State Register, Springfield, Illinois.

Some 40 other speakers also will be featured during the show's four and one-half day educational program. Included will be research scientists, agronomists, golf course superintendents, and officials of other golf agencies, Brandt said. However, the conference will be open to students, non-association members and persons in allied and related industries.

Frank Dobie, golf course superintendent, The Sharon Golf Club, Sharon Center, Ohio, will be a feature speaker at the 40th International Turfgrass Conference & Show, January 19-24, 1969, at the Fontainebleau Hotel, Miami Beach, Florida.

James W. Brandt, president, Golf Course Superintendents Association of America, the sponsoring group, said Dobie will speak on "Efficiency In Operations Which Help The Superintendent."

The recipient of a Golf Course Superintendent Association of America Scholarship, Dobie was graduated from the Turfgrass Management Course, Pennsylvania State University in 1960. Subsequently, he held positions at Bob O'Link Golf Club, Highland Park, Illinois; Sleepy Hollow Country Club, Brecksville, Ohio and Fairlawn Country Club, Akron, Ohio.

In 1964, Dobie was placed in charge of construction of the men only Sharon Golf Club near Akron and was named golf superintendent when the club opened for play July 1966.

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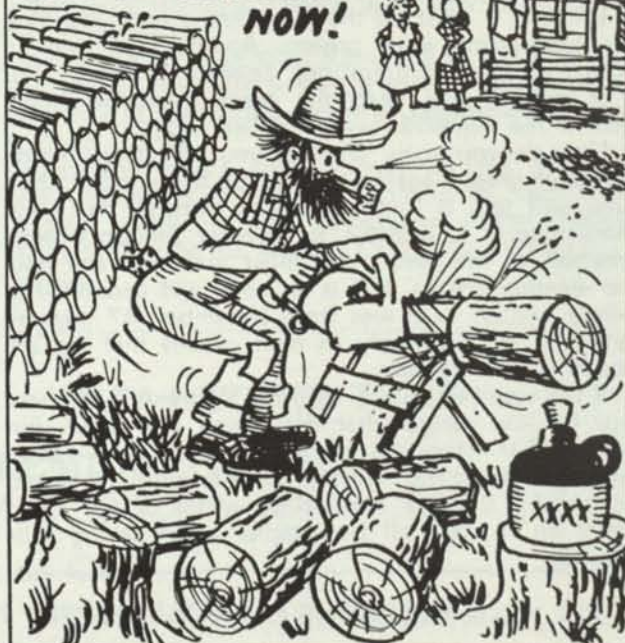
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From the Northern Ohio Turfgrass News
A POINT TO PONDER — DESICCATION

by Alexander M. Radko
Eastern Director, USGA Green Section

Desiccation is and has been a winter problem for years, but like all problems it doesn't hit home or seem to be important until it happens to you. Last winter was one of the meanest winters for the golf courses in the Northeast in many a year. The winter was open (no snow cover) and windy . . . in fact strong winds blew incessantly day and night and the grasses in exposed areas dried-out. Few escaped injury, and these were principally the newer courses. After the GCSAA Conference we began to get reports of dusty, dry, and crackly turf that was powder-dry in February.

Desiccation can occur on certain areas during years of good snow cover too. Course in the northernmost areas normally enjoy more snow cover than we in the lower New England and Midwestern States; however, even on snow-bound courses strong winds can remove the snow to expose areas which can become desiccated. Superintendents in the northernmost areas soon learned that one way to curb serious injury if desiccation was a threat on a green or tee is to topdress the exposed area heavily in January or February, with double the normal amount of topdressing soil (i.e., two cubic yards per 5,000 instead of one). This affords good protection, and those who have done it swear by it as an excellent treatment to reduce desiccation problems to a minimum.

This past winter others watered as best they could; some rented city water trucks, some watered with their spray tanks — and this helped — if enough water was applied.

Other materials advocated or being tested are polyethylene plastic tarps, polypropylene screens (black and green), snow fences, branches and brush, fertilizers (principally organic), and anti-desiccant materials. In my experience to date, the top-dressing technique has been the most successful of all. Additionally, topsoil acts as a smoothing and truing material to keep greens in top form. Not just any soil is suitable, it must be the kind that is normally used for topdressing your greens. Another side benefit is that snow mold fungicides, applied to topsoil after it is spread, will keep the green protected better than if the fungicide were applied alone.

How do you know whether you will need to protect your greens against desiccation this winter? Only time will tell! It isn't possible to forecast this any more than it is possible to forecast January's exact weather at this time. You must wait and see how the weather breaks. If it is an open and continuously windy winter, as it was from December '67 through February '68, be ready to treat greens that are exposed by mid-January.

If the weather is mild, or if lots of snow falls, there will be less danger that desiccation will occur. But this is what makes the job a challenging one — after one experiences the rigors of summer mortis, it would be helpful to have a relaxing winter. If we could count on it, we'd all be happier when spring rolls around.

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TRAP MAINTENANCE, A COMPLETE ANALYSIS

The following article is taken from a panel presentation given at the MAGCS Fall Clinic by the following men. Dudley Smith, moderator; panel: Harold Frederickson, Philip Bersin, Tom Gilman, and Paul Voykin.

The following are questions and answers taken from that panel.

- Q. How often do you add sand?
A. a. Some courses every year.
b. Some courses every two years.
- Q. When do you apply sand?
A. a. Winter.
b. Summer (not lost by wind blowing).
- Q. What grade of sand?
A. a. Number one torpedo.
b. White Silicon sand (holds more moisture, light blows more).
- Q. How often do you edge traps?
A. a. 12 times a year.
b. 1 time a year.
- Q. Where do you place rake?
A. a. Outside.
b. Inside.
c. Golfer big cupid.
d. Bottom side away from green.
- Q. Do you power rake your traps?
A. a. Some use a 3 gang, 3 point hitch rake.
b. One has three steel garden rakes welded together. Two men pull.
c. Garden tractor with rear mounted rake.
d. Some hand rake after power rake.
e. Some only power rake after rain.
- Q. Should all traps be drained?
A. a. Slit trenches, bottom of trap, fill slit trench with peat gravel, then #2 torpedo over peat, finally good sand.
b. Trench cut into center of trap, peat gravel apply, 4" clay tile on top, with tar paper covering joints.
c. Other methods are employed, talk to panel members.
- Q. How far should the trap be from the green?
A. Big items are traffic control, type of carts used, and design of golf hole.
- Q. Is there a special coating for trap bottoms?
A. a. Plastic can pitch water to a trench drain, keep dirt out of sand, move water evenly through sand, and keep weeds out.
- Q. What does it cost a year to maintain traps?
A. a. (private) Edgewood Valley C. C., 100 traps — \$16,000.
b. (private) Briarwood C. C., 58 traps — \$5,000.
c. (private) Riverside C. C., 58 traps — \$7,400.
d. (public) Indian Lakes C. C., 128 traps — \$7,800.
- Q. How many times a week do you rake traps completely?
A. a. Six times.
b. One time.
c. None.
- Q. Do you keep lips on your traps?
A. Only on green traps.
b. Professional view — lips should not be on fairway traps.
- Q. What type, if any, weed killers are used.
A. a. Para quat.
b. Atlas A.
- Q. How do you keep leaves out of traps?
A. a. ? ?

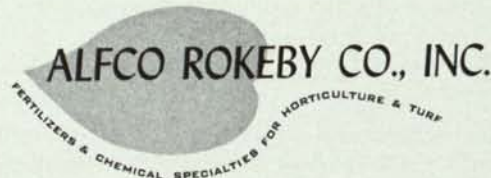
Questions raised from the floor.

1. Can **soil set** be used to keep sand from blowing in the winter?
2. What is the reason for sand traps?
3. Who makes the decision in placing traps?
4. Why doesn't the manufacturer develop a good power rake?

Editor's comment — Joe Dinelli, Superintendent at North Shore Country Club, has developed a good power rake for traps. It is being manufactured by International Harvester.

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Ross W. Smith started with Burdett's, Inc. on January 6th. His duties involve setting up and Merchandising his territory.

Ross and his wife Phyllis have two boys, David and Douglas.

Native of Junction City, Kansas, Ross came to Chicago to the Salvation Army School for officers training and had further education at Jamestown College in North Dakota.

For seven years Ross worked for the Salvation Army commanding corps or community centers in Chicago, Waukegan and Jamestown, North Dakota. This past year he has worked for Simmons Saw Co. in Chicago.

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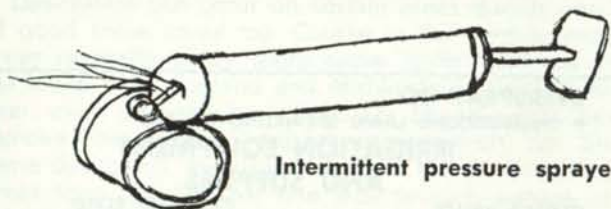
Frank Ross — 757-7217

SPRAY OR DUST

by Stan Rachesky
Entomologist, University of Illinois

Many types and sizes of sprayers and dusters for applying pesticides (insecticides, fungicides, herbicides, etc.) are available for use today. Some units serve many types of uses and some are designed for one specific job. Your choice would depend upon the pesticide used, and the size and type of application needed.

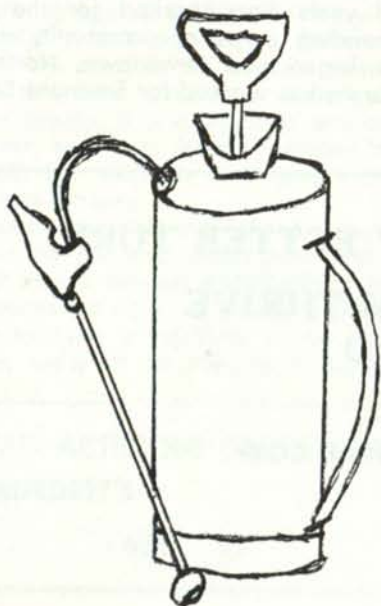
Two very popular homeowner type units are the **continuous and intermittent pressure sprayers**. Both are excellent for applying liquid diluted concentrates for controlling flies, mosquitoes, moths, roaches and silverfish. They are inexpensive and easy to operate.



Intermittent pressure sprayer

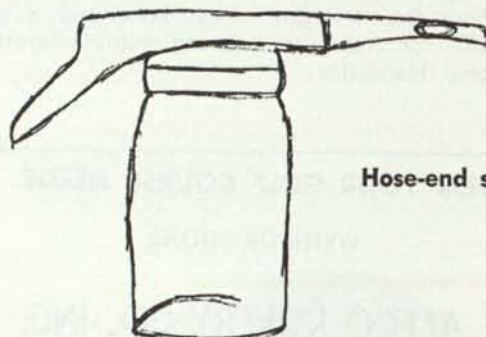
Aerosol bombs (pressurized spray cans) are small individual applicators ready to spray. They are excellent for use as a space spray to temporarily control flies, mosquitoes, etc. in the home or place of business. People living in apartment houses do not find it practical to purchase elaborate spraying equipment, but do need an insecticide occasionally and find them most useful. Most of the chemicals available in the concentrated form for larger scale spraying are available in the pressurized spray cans.

The second best buy in the world is a **compressed-air sprayer**. The first best buy being your daily newspaper. Compressed-air sprayers are simple to operate. Depending upon the job you plan for them they can be your most useful outdoor tool. Foundation spraying to keep outdoor pests out of the building (roaches, ants, spiders, crickets, sowbugs, etc.), spraying vegetable gardens, shrubs, fruit trees, flowers, etc. They are very useful for spot treatment spraying to supplement larger spraying equipment. It is recommended for those people who use herbicides as well as insecticides to use separate sprayers because of the residue problem. These sprayers can be carried by hand over the shoulder or mounted on a cart.



The **gas driven power units** are ideal for most exterior spraying jobs or for large areas such as a greenhouse. These units have the necessary pressure to reach larger areas more thoroughly and faster plus, of course, the elimination of hand pumping.

The **hose-end sprayer** is probably the most popular sprayer available today. It does a good job on lawn areas and a fair job on fruit trees.



Hose-end sprayer

The **slide pump or trombone sprayer** is light weight and easy to handle. It develops up to 180 pounds pressure and does an excellent job on flowers, vegetables, and fruit trees.

Some people prefer **dusts** over liquid sprayers. This is a personal preference. Dusters apply pesticide dusts using a stream of air. They are very popular for roses and vegetables. Plunger and crank dusters are widely used for small areas. Bellows and gas driven knapsack dusters are also available. These would be more useful for larger dusting jobs.

Proper spraying equipment is essential to properly carry out a well planned pest control program. Failure for a recommended pesticide to work properly is often due to the use of the wrong application equipment.

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