

## Suppliers Personnel Changes

Chemagro Corp., Kansas City, Mo., announces Hugh W. Swink, vice president-marketing, has been elected to its board of directors. Swink has been with Chemagro since 1951.

The Dow Chemical Co., Midland, Mich., has appointed managers to three recently formed businesses in its Agricultural Products Dept. They are R. M. Barbour, Livestock and Veterinary Products Business; Andrew Butler, Crop Protection; and James H. Gowell, Vegetation Control.

Armour Agricultural Chemical Co., Atlanta, Ga., reports three executive appointments. Dr. R. F. McFarlin, formerly vice president and technical director, has been selected for the new position of vice president-commercial development. He will be responsible for commercializing research and development project results, coordinating marketing programs in new areas of technology, evaluating industry technology and assisting in long-range planning. Dr. J. D. Nikerson has been named director of research and development and Dr. Clyde Reeder, manager of Armour's Atlanta Research Center.

Vistron Corp., a subsidiary of Standard Oil Co., Cleveland, O., has designated Allen E. Behn to manage operation of its new Oxco Brush plant, Cookeville, Tenn.

Fisons Corp., Wilmington, Mass., reports Paul B. Allen, Jr., has joined its technical staff and will serve as Fisons' western representative. He will supervise testing programs in the west.

Mobil Chemical Co., N. Y., has announced executive appointments in a major realignment of its agricultural chemical production and marketing organization. Richard B. Madden has named group vice president and will direct activities of three divisions — agricultural chemi-

cals, industrial chemicals, and minerals. J. P. Rogers has been designated vice president and general manager of the Agricultural Division. S. W. Carter becomes vice president of Mobil and general manager of Minerals Division with A. A. Farrell being named the division's marketing vice president. P. W. Judah, moves from acting manager of agricultural chemicals to vice president and assistant to the president of Mobil. Industrial chemicals will remain under the direction of W. P. Boyer.

John Bean Eastern Division of FMC Corp., Lansing, Mich., has recently selected Fred E. Freiheit as chief engineer for agricultural products.

Rohm and Haas Co., Philadelphia, Pa., announces a number of personnel changes in its Agricultural and Sanitary Chemicals Dept. William A. White, assistant manager of the department, has been given the additional position of agricultural chemicals product manager. James E. Thompson becomes assistant to White in the agricultural chemicals sales section. William R. Hughson, former product manager, has been named manager of the northern sales territory. He replaces James M. Graham, who will retire in December. Until retirement, Graham will handle special sales and development assignments. Gunther W. Skall, now in the New York City area, will transfer to the central territory. He will be replaced in the northeast sales territory by Craig A. Guthrie.

J. I. Case Co., Racine, Wis., reports Edward J. Campbell has joined its staff as general manager of the components division, Racine. He will be responsible for design and manufacture of all components produced by the three Racine plants and for design and production of agricultural tractors at the Clausen plant.

The Dow Chemical Co., Mid-

land, Mich., has named W. L. Corbin as manager of sales for its Agricultural Products Dept. Dow also appointed two field sales managers who will be responsible for marketing its agricultural products in the United States. Joe F. Kinman will manage the eastern sections, including key poultry markets of the mid-south. Manager for the central and western sections will be Howard W. Sheldon.

Elanco Products Co., a division of Eli Lilly & Co., announces appointments of two managers. Robert P. Moorman, Jr. has joined its Financial Division as manager of credit for the southern marketing regions. He will headquarter in the general offices in Indianapolis. Floyd L. Simpson has been named manager of a new sales district in Elanco's Agrichemical Sales Division. His territory includes western Tennessee, Mississippi and central and southern Louisiana.

Koehring Co., Milwaukee, Wis., reports John J. Hinnendael has been named controller. He replaces J. R. Aydelotte who will continue as secretary.

Brady, Des Moines, Iowa, a division of Koehring Co., has recently designated Marvin D. Van Peurse as chief engineer.

United States Testing Co., Inc., Hoboken, N. J., announces the appointment of David Argyle as manager of agricultural services at its Denver, Colorado branch. Argyle will be responsible for soil testing, fertilizer and irrigation recommendations and scheduling of plant tissue and leaf analysis programs.

Aeroquip Corp., Jackson, Mich., reports Don T. McKone has been elected president and chief operating officer. Peter F. Hurst, the company's founder, remains chairman of the board and chief executive officer.

American Potash & Chemical Corp., Los Angeles, Calif., announces two men have joined its

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## Safety "Do's and Don'ts" For Pesticide Storage

Any pesticide — insecticide, herbicide, fungicide, etc. — left over from last year should be carefully disposed of, says the U. S. Dept. of Agriculture.

Dispose of any container that has lost its label, the Dept. recommends. Don't save or reuse empty pesticide containers. Read and follow directions and precautions on labels every time you use pesticides. Don't rely on your memory.

Always remember that many pesticides can be harmful to both people and pets if they are not handled, applied and stored with care and caution.

## "Up, Up and Away" Spraying Method A Winner

The war against Michigan crop diseases will be won in the air, contends Dr. Howard S. Potter, MSU plant pathologist. Aerial spraying is proving faster, better and more economical than ground methods, says Potter.

In many cases, aerial spraying provides a savings of both money and the amount of water required, according to Potter, whose figures show that aerial spraying costs average \$2.50 per acre, often less than ground spraying costs. Ground sprays often require 100 or more gallons of water per acre, while aerial spraying requires much less, says Potter.

Other advantages of aerial spraying cited by Potter are: ability to be applied to wet soil, elimination of plant damage and soil compaction, and better plant protection because concentrated fungicide residues on leaves are readily distributed by dew deposits and are less likely to be washed away by heavy rain.

Potter says aerial spraying is also easily adaptable to close row spacing and solid block

plantings that are difficult to spray with ground equipment.

A disadvantage of aerial spraying, Potter admits, is the inability to control fungicide drift that may endanger humans, livestock and nearby crops. Better trained pilots, improvements in spraying equipment and better chemical formulations are helping to solve these problems, he concludes.

## Use Hot Bath Method to Kill Nematodes

A good, hot bath will free shipment of Bermuda grass turf from at least 3 types of nematodes, according to USDA scientists.

Nematodes cause considerable damage to turf and can be spread to many locations through turf shipments unless certain precautions are taken.

Test results indicate that cores of sod (1" x 3") should be held in water at 122° F. to greatly reduce—but not completely wipe out—nematodes in turf shipments. The most favorable time-and-temperature combination is 15 minutes at 130° F. This treatment kills all nematodes but causes no damage to the turf.

When sod cores are held for 15 minutes at 140° F., both nematodes and grass are killed, so caution must be taken.

## Personnel Changes

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staff as Trona Chemicals sales representatives. They are William J. Crummer, Cleveland, O., sales office; and Douglas H. Downing, Shreveport, La., office.

Rain Bird Sprinkler Mfg. Corp., Glendora, Calif., reports Ed Shoemaker has been selected as sales manager of its new marketing division, Eastern Rain Bird Sales, Inc., Peoria, Ill.

## Trimmings

**We need competition.** That's the thinking of Jim Ousley, Sr., who heads up one of the country's top sod producing companies. During an enjoyable visit with Jim this past month at Pompano Beach, Fla., he stated that competitive bidding on some varieties stimulates sales. Ousley faces all the problems of fellow sod growers including labor supply and high costs, plus some which are uniquely Floridian. Among these latter are expensive chemical treatments for chinch bug and billbug control.

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**Air-Boats Vs. Jets.** A bigger thrill than the usual jet plane flight is that first, wild ride in, on, or about an air-boat. It's something different as I found out while picking up this month's cover picture in Florida's Everglades west of Ft. Lauderdale. C. Elroy Timmer, technician for ARS, USDA, was my pilot during a tour to see test spraying on water hyacinths at the Loxahatchee research area at Delray Beach, Fla. The boat sways, dips, and literally flies over the water and swamp vegetation. Besides producing a thrilling ride, it's also the only practical way to travel Everglades country.

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**Membership Goal For ASPA.** Sod producers are joining their new national association at a record rate. Latest word is that 101 are dues payers. Goal for the group according to Executive Secretary George Hammond at Columbus, O., is 150 by their July 30 meeting at Purdue, and 200 by the January '69 annual meeting.

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**Uncle's Dirty Laundry.** *Plaudits to the California Association of Nurserymen and their stand against tax-supported plant production nurseries. Research, yes, but production for competitive sales, no! The association recognizes the need for public nurseries as holding yards, but as far back as 1965 passed a resolution calling for a 10-year phase out of local, county, and state tax-supported nurseries. A number have been closed since then but progress is not what it should be. The California group has again voiced its opposition and re-affirmed its stand.*

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**Northwest Association Spraymen Active.** Had a nice visit with James Overton, of Miller Products and the Northwest Spraymen's Association, Portland, Ore. Jim reports the association is active and interested in some coordinated reporting with WEEDS TREES AND TURF. We've always enjoyed working with this forward looking group. They are aware of their public image and constantly work to improve the stature of the sprayman.