



MALCOLM W. MOON

Upjohn Research Chemist Named Senior Scientist

Dr. Malcolm W. Moon has recently been recognized for his outstanding work in the synthesis of agricultural chemicals through appointment as senior scientist at The Upjohn Company. Moon will be the lead chemist in research on herbicides and plant growth regulators.

Since joining Upjohn in 1965, Moon has been instrumental in the synthesis of herbicide, fungicide, insecticide and miticide materials. His efforts have resulted in the preparation and testing of more than 1,100 new materials.

Moon has authored or co-authored 19 major reports and publications. Through his work with the company, eight U.S. patents have been issued and 12 patent applications are being considered.

A native of England, Moon, his wife Pauline and their three children now live in Kalamazoo, Mich.

Ryan Announces Move

The engineering department of Ryan Turf Care Equipment has been transferred from St. Paul, Minn. to Lincoln, Neb.

Keith Rhodes, engineering manager for turf products, said the move enables his department to improve coordination of activities with Ryan marketing and service departments in Lincoln.

International Pesticide Applicators Plan Annual Convention in Seattle

September 18 to 21 will find over 100 people from the Green Industry gathering at the Hilton Hotel in downtown Seattle, Wash., for the annual International Pesticide Applicators (IPA) convention.

Representatives from the International Shade Tree Conference, golf course superintendents, various pest control groups, mosquito abatement and vector control specialists, tree farm and Green Industry service groups along with suppliers, manufacturers, tool and equipment companies will be there.

The agenda was planned by Rod Fairbanks, convention chairman and Washington Chapter president, and his committee. Highlights on the program are seminars on aquatic weed control and a two-day clinic on insect identification and control, moderated by Dean Jamieson, vector control specialist from San Jose, Calif.

A program devoted to turf disease and insect control is also included. Ray Goss, of Washington State University, will head up this portion of the program. Bill Owen, of General Spray Service, Portland, Ore., will cover the field of application techniques.

Other subjects which will prove of interest and value to the delegates are telephone sales techniques, public relations in the Green Industry, personnel administration, human behavior and time management. One session will be devoted to preventive maintenance of equipment.

The ladies can attend programs on cosmetic application, dress styles, poise and modeling, by specialists from Seattle firms. Also, business specialists will cover a wide range of information regarding a wife's role in relation to her husband's business. The ladies will



Dennis Schwitters (left), president of Vicon Farm Machinery, Inc., Norfolk, Va., checks an agreement with P. Hunter Cox, Jr., Industrial development director for the city of Chesapeake, Va., in which Vicon announced moving its U.S. headquarters to Chesapeake. Vicon purchased a 4-acre tract and will build a 12,000 square foot office-warehouse. Vicon, which has been operating in Norfolk since 1971 as the North American sales and distribution headquarters for Vicon NV of Holland, is studying the possibility of partial manufacture and final assembly of fertilizer spreaders at the new site. Vicon is the world's largest manufacturer of fertilizer spreaders, Schwitters said.

enjoy a luncheon 600 feet in the air at Seattle's Space Needle. Capping the ladies' program will be a speaker covering the topic, "Never Underestimate the Power of a Woman," which will be presented to the entire assembly.

Cost of the convention will be \$52 per couple for members, and \$82 for non members. This registration fee covers the cost of two main banquet tickets, two luncheon tickets, a tour of Seattle and convention material. Single registrations are \$30 for members and \$60 for non members. Non members can apply the extra cost of registration to a membership in the IPA. Single registrations also include the cost of their registration, banquet and tour.

Registration chairman is Bill Gildroy, Cascade Spray Service, Lake Stevens, Wash., 98258. Registration cards are available from Gildroy or through the IPA office at 1000 Aurora Ave. N., Seattle, Wash., 98109.

The first 100 registrations received will be included in a drawing for free hotel accommodations. Families are invited to travel to Spokane to visit Expo '74 before or after the convention.

Musser Golf Tournament Supports Turf Research

The first Stroke Play Invitational Tournament — first in what is hoped will be a long series of amateur tournaments for the benefit of the Musser International Turfgrass Foundation — was held in June at the Sharon Golf Club, Sharon Center, O. Proceeds will go to the Turfgrass Foundation to support graduate studies at leading turf research stations.

Ninety players completed the 18 holes. One player, W. Scott Lamb, flew from Oregon to participate. Half of each \$30 fee, which covered practice balls, golf carts and a buffet lunch, was given to the Foundation.

Two Foundation officials attended the event — Dr. Fred V. Grau, president and one of the incorporators, and William E. Lyons, a director.

Henry Meiers, executive secretary of the Cleveland District Golf Association which arranged and conducted the tournament, said it will become an annual event. It is anticipated that other golf clubs will follow suit with the backing of their respective golf associations. These

benefit tournaments will give the average golfer a chance to contribute to turf improvement, to play fine courses and to have fun in the process.

Growing Arizona Market Met by Oxychem Expansion

Occidental Chemical Company (Oxychem) has leased a 20,000 square foot warehouse in Phoenix, Ariz., according to Jack Edminster, manager of the Consumer Products Division.

Consumer product distribution for the entire state of Arizona will be handled from the new facility which will receive shipments from Oxychem's headquarters in Lathrop, Calif.

According to Edminster, the Arizona consumer market is rapidly expanding, and Phoenix is one of the fastest growing areas in the nation with no sign of slowing in the foreseeable future. The garden industry has also been sparked by a vigorous interest in outdoor and indoor home gardening inspired by the fuel shortage and rising food costs, he said.

Oxychem, founded in 1932 as the Best Fertilizers Company, is a division of Occidental Petroleum Corporation. It manufactures, formulates and distributes plant foods and pest controls under the "Best" label throughout the western U.S. including Hawaii.

Best Fertilizers of Arizona, Inc., another Oxychem company, has served the agricultural fertilizer and chemicals market in central Arizona for more than 20 years.

Slow Release Chemicals Subject of Symposium

A Controlled Release Pesticides Symposium, the first of its kind to deal with the emerging technology of slow release pest control formulations, is scheduled from September 16 to 18 at The University of Akron, Akron, O.

Scientists and engineers from the university community, U.S. and foreign governmental agencies, private institutions and industry who are working with slow release formulations will be present to help span the communications gap in this area.



Students at Northern Virginia Community College recently had an opportunity to participate in a turf management course designed to provide intern-type experience in association with recognized professionals. Under the direction of Larry Smith and Jerry Moore, the course featured on-site examinations of management problems and career-related discussions of turf as a business. Site for off-campus classes included a Remington, Va. sod farm, the Antietam Battlefield Park, Arlington National Cemetery and the Washington Golf and Country Club. At each class, the students were able to learn about turf management firsthand from resident experts who described and displayed their activities in turf management.

Some concurrent sessions to be included in the program are: slow release insecticides, insect repellents and insect attractants; slow release molluscicides and molluscicidal baits; and slow release herbicides.

Many papers will be presented, and a number of open panel discussions or workshops are planned. These meetings will be keyed to the discussion of pest control problem areas and the potential use of slow release materials in their solution.

The registration fee, which will include a banquet on September 17 and a copy of the proceedings, is \$20 in advance, \$25 at the door.

For further information and registration material, contact Nate Cardarelli, Engineering and Science Division, The University of Akron, Akron, O., 44325.

Barnett Named President

Robert P. Barnett was elected president and chief operating officer of ICI United States Inc., succeeding Edward J. Goett who became board chairman and remains its chief executive officer.

ICI United States is the new name of ICI America, the U.S. operating subsidiary of Imperial Chemical Industries Limited (ICI) of London, England. The company has plants in 11 states and in other countries. Its product line includes textile chemicals and dyes, plastics, agricultural chemicals and aerospace components.

Outdoor Pest Services Offered to Green Industry

Most Green Industry members engaged in some aspect of restricted use pesticides are beginning to feel the pressure of an aware public and an even more aware government. The amended Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) will include all industry users of restricted use pesticides.

The National Pest Control Association (NPCA) has developed an "Outdoor Pest Services" program to serve as an additional source of information for industry members falling under jurisdiction of amended FIFRA.

Outdoor Pest Services includes:

1. lawn services (insect control, disease control, nutrient management)
2. ornamental plant and tree service (insect control, disease control, nutrient management)
3. weed control (selective, non-selective, brush control)
4. growth regulation (lawns, ornamentals, trees, other)
5. maintenance (lawns, ornamentals, trees, other)

National Pest Control Association is the only national trade association serving the structural pest control industry. NPCA activities include: providing up-to-date and practical information in the technical, management and training

areas, representation of industry interests before many federal and state regulatory agencies and consumer oriented public relations programs.

NPCA's new Outdoor Pest Services will:

- provide technical and operational information to NPCA members now engaged in outdoor pest services.
- provide NPCA members not currently doing outdoor work with necessary guidance needed to branch out into this new market.
- broaden NPCA scope of service by attracting lawn care companies, arborists, turfgrass managers and superintendents and companies in related fields on a subscription basis for NPCA "Outdoor Pest Services" material.

Currently 38% of NPCA members offer some form of outdoor pest control service. Two hundred and fifty member companies now do lawn work. NPCA will initially focus its attention on lawn services due to member concentration in this area.

NPCA offers companies that do not do structural pest control, but are engaged in lawn care, landscaping, turfgrass management and related areas, a \$95 per year subscription service. For this fee, subscribers get:

1. legislative information: regular reporting to keep the subscriber abreast of federal activities significant to outdoor pest services.
2. a frequent association affairs newsletter.
3. management reports: general information on effective ways to manage your business.
4. Outdoor Pest Services technical releases: reports on new pesticides, new equipment and techniques which affect commercial outdoor application.
5. all other NPCA technical and management manuals will be available at non-member prices.

NPCA members will get Outdoor Pest Service materials as part of their current dues. Companies engaged in structural pest control which are not now NPCA members must apply for regular NPCA membership to receive outdoor pest service information.



Jay S. Angle (right) of Towson, Md., receives a scholarship certificate and a handshake from his faculty advisor, Dr. John R. Hall, extension turfgrass management specialist at the University of Maryland in College Park, Md. Hall is the secretary of the Maryland Turfgrass Association, Inc., which recently presented the scholarship to Angle who will be a College of Agriculture senior this fall.

Diseases of Ornamentals Subject of Texas Research

A new project to initiate a program of research on diseases of ornamental plants will be getting underway later this year by a Texas Agricultural Experiment Station (TAES) scientist.

Dr. David W. Rosberg, professor and head of the Department of Plant Sciences at Texas A&M University for the past 14 years, will relinquish his responsibilities as department head and devote full time to TAES research and teaching.

"Research on ornamental plant diseases is sorely needed to find answers to some of the difficult plant disease problems that face homeowners and the ornamentals industry," Rosberg said. "The nursery industry in Texas is valued in excess of \$25 million. A research plant pathologist working on ornamentals could make an important contribution by working in close cooperation with nurserymen," he said.

Rosberg, presently employed by

the university, Experiment Station and the Texas Agricultural Extension Service, said two Extension plant pathologists are currently devoting full time to educational work on diseases of ornamentals in Texas.

"But an active research program in ornamental plant pathology is vital to the welfare of the Texas nursery industry, and to provide important data for the present educational efforts," he said.

Rosberg plans to spend some time at several major universities which have recognized outstanding research and teaching programs in ornamental plant pathology to investigate projects that have potential for Texas. Then he will initiate his research program here.

Besides starting the new research program, Rosberg will continue to teach part-time. He plans to teach a graduate level course on topics relating to how to develop research projects, research budgets, grantsmanship, research grant funding agencies and similar subjects. He also plans to develop a junior-senior level course on "Diseases of Ornamental Plants."

Seed Executive Retires

W. R. (Bill) Herron, vice president of the Stanford Seed Company since 1965, announced his retirement from the business effective July 1, 1974. Herron served nearly 50 years in the seed industry.

Mitts and Merrill Elect new President

Jack W. Ranous was recently elected president of Mitts and Merrill, Inc., Saginaw, Michigan manufacturer of machine tools and grinders. Ranous was previously executive vice president and general manager of the firm.

Ranous joined Mitts and Merrill in 1940 as a machine tool operator in the shop. Four years later he was promoted to draftsman in the engineering department. He served that department for 17 years, the last five years as chief engineer. Ranous was named sales manager in 1961 and served in that capacity until his appointment as vice president and general manager in 1968.

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2,000 newly planted, six to 12-inch trees, Ray said.

Ray is the main nurseryman involved with Trees, Inc., at present. Others haven't been called in because they are too busy restoring vegetation around damaged homes, and because the present task of Trees is being directed by persons skilled at fund raising. Once the money is available, Ray's advisory committee will assume leadership of the restoration.

Roberts said Trees won't be ready to plant until this fall, but when the time comes to place orders, another shock awaits the group. Ray said he and most other Louisville nurserymen have a tremendous backlog of orders generated by the tornado. It will take Ray almost two years to fill orders now on hand.

"There's been an explosion (of orders). Many of the residential areas included the more expensive homes, and owners are acting quickly to place large orders, because they can afford it," Ray said.

Ray's nurserymen association tried to have a meeting to plan how they would meet the disaster, but

members were too busy to attend and the meeting was cancelled. The group has not met since 18 tornadoes raked Kentucky April 3.

"I've had two half-Sundays off since it hit," Ray said nearly six weeks after the storms.

Roberts said he is confident of reaching the \$1 million goal. The frustration in doing that is trying to organize Trees, Inc., while appealing to the public before the tornado fades in memory, he said.

The Courier-Journal and Times Co., which publishes the two local newspapers, will donate one-third of the profits from a special book called "Tornado" it has published.

There will also be marches door to door by mothers and by school-age youngsters to collect money for the effort, Roberts said.

Roberts expressed hope that the federal government would pay for all the trees needed, but a bill recently passed by Congress seems to contain some contrary red tape. While it lists exact amounts of money that can be paid for other forms of tornado relief aid, it only gives "assurance" that park restoration money will be available. And it says cities "may seek" a grant for 100 percent

of the park restoration cost, but does not state that the money will definitely be available. For "public facilities" other than parks, the bill pays only \$25,000 in repairs.

Roberts hopes the park can be restored with the same types of trees that were destroyed, but said he'll accept donations of "any tree that can survive city pollution." Types of trees in the park included poplar, oaks, Kentucky coffee trees, beech and sycamore. There is a controversy among Trees members about sycamores. Some argue that the trees are "too messy," but Roberts contends they withstood the tornado better than most types. Fewer of them were blown out of the ground.

Ray said he feels most of the trees will have to be purchased, because few nurserymen can afford outright donations, although most want to help restore the park and civic pride.

All citizens of Louisville are responding to the need to restore the park, and thousands of dollars have been received through small contributions mailed to Trees. They seem determined that the park which was born by a tornado disaster, shall not die by one.