DR. ROBERT E. HANNEMAN, JR., joined O. M. Scott & Sons, Research Division. He will be working in the seed production and seed research group at Salem, Ore.

JERRY L. ERICKSON, ROBERT L. LINDSEY, A. MILTON WALSH, elected vice presidents of Asplundh Tree Expert Company. Erickson will handle operations of the field management corps in western Pennsylvania; Lindsey will manage the company's tree trimming operations in most of Connecticut, all of New Hampshire and also oversees the underground work in Massachusetts; and, Walsh is charged with the management of all operations for the several utilities in the state of New Jersey.

HAROLD F. DEPUE, promoted to vice president of sales and marketing for Ackley Manufacturing Co.

GORDON A. BRANDES assumes the new position of manager of the Morris Arboretum following retirement from Rohm and Haas Company. The Morris Arboretum is part of Penn State University and is a 175 acre "museum of living plants" located in a suburban area of Philadelphia.

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but the insect remains on the foliage for some time. Siemer said that biological compounds do not act as quickly as present insecticides. This is primarily due to the fact that the biological compounds control by stomach action causing a paralysis of the stomach muscles.

"Biological control is not magic. It will be used in conjunction with chemical control for many years to come, and even if it is successful in completely replacing organic chemical usage, it will require an extremely high level of technical competence on the part of all people involved," he concluded.

This year's program included topics for everyone. Of particular interest to the professional applicator was a presentation on "Safety and Your Operation" by Robert B. Black, industrial hygiene engineer, State of Oregon. He cautioned members that much of the safety of application of pesticides rests on the user. "We must continue to stress personal hygiene and cleanliness," he said.

Black outlined in detail the four routes of entry of pesticide compounds into the body: dermal, respiratory, oral and through cuts or abrasions in the skin. He said that the dermal route is the most important in relation to applicators applying liquid formulations of compounds. "This route has undoubtedly been responsible for many poisonings of workers, especially where they were using organophosphates," he said. Recommendations of proper protective clothing, gloves, shoes and headgear were made. It could be concluded that this speaker's comments affected a greater number of applicators present and absent than any other presentation of the convention.

Also on the program was an interesting discussion of the use of infra-red photography in detecting disease, fire and insects in forests. John F. Wear, forester, U.S. Forest Service, said that this false color film has been used successfully in studies of soil condition, hydrology, and other areas of scientific endeavor. For the applicator, it holds potential in detecting disease and insect damage before the natural signs of stress appear.

A number of changes in the bylaws of IPAA were passed during the annual board meeting. These include a new dues structure to allow small groups to form local chapters. Also, one person in any state may now join IPAA as a member at large. The board also elected Don Caldwell, Salt Lake City, Utah, as a board member at large, a new position.

New officers of the Association are: Don Mock, president; Bob Huntwork, vice president; Ken Thorpe, recording secretary; and Lew Sefton, executive secretary and treasurer.