

HOUSE DUST HIGHER IN PESTICIDES THAN OUTSIDE SOIL

"Levels of many of the targeted pesticides in soil outside the home were lower than those found in house dust," according to preliminary results of the EPA house dust/infant pesticides exposure study delivered to the American Chemical Society (ACS) meeting in Atlanta, GA. The presentation, by Dr. Robert G. Lewis, Chief, Methods Research Branch, EPA, Research Triangle Park, N.C., stated in part: "House dust collected from carpets showed the highest levels of contamination. In older homes, pesticides banned long ago were still present in house dust. Although the preliminary results of this limited study do not permit an accurate assessment of the quantities of house dust small children may ingest, they do suggest that ingestion of house dust may be a major route of exposure to pesticides for infants and toddlers."

Lewis noted that in addition to residue of recently-applied pesticides, the study showed "that residues of many pesticides are found in and around the home even when there has been no known use of them on the premises."

His paper noted: "Small children spend much of their time on the floor and are very likely to come into intimate contact with yard dirt and lawns. They also exhibit frequent hand-to-mouth contact and pica tendencies. It has been estimated that children under the age of five ingest 2.5 times more soil from around the home than adults, yet possess only about

20% of the body weight.

And another paper presented noted development by scientists at the California Department of Food and Agriculture (CDFA) of a method to estimate indoor dermal pesticide exposure: the CDFA/Jazzercise method. They applied the method to a commonly used home fogger (containing chlorpyrifos). The paper, presented by Dr. John Ross of CDFA's Workers Health and Safety Branch, stated: "Using air data collected concurrently with the dermal study, and allowing for a transfer of skin residues on the hand to the mouth (for example, via eating) estimated absorbed dosage for an adult and a child in constant motion for six hours on a treated carpet were seven micrograms of chlorpyrifos per kilogram of body weight for the adult, and 25 ug/kg for the child. The study concludes that under labeled use conditions fogger products of this type result in lower than previously estimated levels of exposure, and should pose no significant risks to consumers."

Taken from *Look What's Out There*: June 10, 1991 Number 8.

Scholarship Update

The Golf Course Superintendents Association of Northern California has again instituted a Scholarship Program for students in the Turf and Horticultural field. This is the third year for this program and the scholarships will provide the students, who have an interest in this field, assistance to further their education. These scholarships will also create an awareness within the community of our Association and build for the future of the industry.

Last school year the Association awarded scholarships to deserving students from Diablo Valley College, Pleasant Hill; Foothill College, Los Altos Hills and Solano Community College in Suisun. Again this year viable scholarships are available to students with Horticult Majors.

The Scholarship Fund is partially supported by a portion of the fee paid for golf at our monthly meetings and by contributions from some of our members who support this type of effort. It is this kind of generosity and willingness to be supportive of the Association that will enable us to promote the turf industry and achieve the degree of professionalism we desire.

GOLF COURSE
RENOVATION



Jim Duhlg Terry Stratton
(415) 229-1060

CONTRA COSTA LANDSCAPING, INC.
P.O. BOX 2069 • MARTINEZ, CA 94553

INTERNATIONAL
SEEDS, INC.

Breeders and Marketers of
World Class Turf Seed

"Seed - the Gift of Life"®
Halsey, Oregon



Pacific Sod
A Division of Pacific Earth Resources

600 N. 2nd Street, Suite 3
Patterson, CA 95363
(800) 692-8690

Brian Snow
Sales Representative