

# Hawaiian Seminar Planned By ASPA

The American Sod Producers Association is planning a winter seminar, Feb. 19-26, 1973, in Hawaii. Details as to headquarters hotel and departure via charter flights will be forthcoming shortly, according to Dr. Henry Indyk, executive secretary.

In the plans are two sessions of one-half day each on financial management. Dr. James Longstreet, chairman of the Finance and Business Administration department at the University of South Florida will head the seminar. Dr. Longstreet is a nationally recognized authority in the field of finance, Indyk states, and his presentations will be directed toward elements of finance and accounting which sod producers can use in their own financial planning.

Dr. Longstreet, Indyk further re-

ports, is a brilliant teacher and an exciting speaker. Indyk believes this will prove to be one of the ASPA's most outstanding educational programs.

Besides the seminar program, several organized tours are planned and ample time is also being set aside for personal tours.

Arrangements are being made, Indyk says, for charter flights which will leave from various points throughout the U.S.

Growers may obtain more detailed information directly from Indyk at P.O. Box 231, New Brunswick, N.J. 08903; telephone, (201) 247-1766, Extension 1453.

## Midwest Turf Growers Plan OSHA Seminar

A seminar aimed at pinpointing Operational Safety and Health Act standards for sod producers is being sponsored by the Midwest Sod Growers Association.

John Latta, Princeton Turf, Kansas City, Mo., and president of the Midwest group, has announced that all sod producers, contractors, and friends, nationwide, are invited to attend.

The date is January 24, 1973, at the Airport Holiday Inn, Denver, Colorado. The seminar begins at 9:00 a.m. and ends at 4:00 p.m.

The seminar is being conducted by the law firm of Nelson, Harding, Marshetti, Leonard & Tate, a firm with offices at Denver, Lincoln, Chicago, and Los Angeles, which specializes via a labor and law section in representing management in the field of labor relations.

In preparation for the seminar, the firm has secured about 50 color slides of sod production in which OSHA requirements are a factor. Growers attending are also being invited to bring personal slides which bear on OSHA standards. These will be used in determining technical requirements to meet OSHA.

The law firm also has a booklet available on OSHA which will be included in the \$35 registration seminar fee for attending the conference. Also included in this fee, Latta says, is lunch and an afternoon social

hour. Chairman of the seminar is Norman LeGrande, Hendricks Sodding & Landscaping, Lincoln, Neb.

The Jan. 24 date precedes the 2-day Colorado Conference to be held at Ft. Collins Jan. 25-26.

## Water Quality Report Published By EPA

The Environmental Protection Agency has published a comprehensive water quality report designed to provide rapid access to information on the effects of chemicals on fish and other aquatic organisms.

The document of over 500 pages is the result of a study sponsored by the Columbus Laboratories of Battelle, Columbus, Ohio.

The report lists several thousand substances by chemical and trade name along with the specific effects the substances produce in aquatic life. The data is based on technical literature available through 1968. Collected from nearly 1000 references, the report represents studies on water pollution ranging geographically from the Nile in the Sudan to streams in South Carolina and Florida. Extensive information is provided on pesticides and heavy metals.

The authors of the report are H. T. Kemp, J. P. Abrams, and R. C. Overbeck.

About 5000 aquatic species are included in the report with the major emphasis on fish, insects, algae and other water organisms. The study's concern was primarily with freshwater aquatic life, but information on the effect of chemicals on marine life is also included.

The data are arranged in a tabular form and include: the name of the chemical, aquatic organism affected, technique by which toxicity was determined, field location where reference study was conducted, toxicity of active ingredient, and name of researcher and date when study was completed.

In addition to listing the chemicals and organisms, the report includes sections which discuss bioassay of fish and other aquatic organisms, marine bioassay, field assessment, factors affecting chemical toxicity such as water temperature, and industrial wastes.

For copies of the report, "Effects of Chemicals on Aquatic Life," Water Quality Criteria Data Book, Volume 3, No. 18050GWV05/71, write Superintendent of Documents, Government Printing Office, Washington, D. C. 20402 and enclose \$3.75 per copy.

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