

Free booklet available on ethanol production

GOLDEN, Co. — In order to provide information on the production of fuel alcohol, the Department of Energy's Solar Energy Research Institute has announced the publication of a guide to aid in small-scale ethanol production from farm crops.

"Fuel From Farms: A Guide to Small-Scale Ethanol Production," a product of SERI's Solar Energy Information Data Bank, addresses not only those in the U.S. farming community who may wish to consider the production of

ethanol as part of their normal farming operation, but also owners of small businesses, inventors and entrepreneurs.

The 170-page publication is available free to the first 100,000 requestors by writing: U.S. Department of

Energy, Box 62, Oak Ridge, TN 37830. Attn: Fuel From Farms.

"We are carrying out a national campaign to place reliable information about ethanol production in the hands of every American farmer, farm owner or

potential producer," said Denis Hayes, SERI's Director. "The expanding support for gasohol in this county provides an opportunity to directly reduce U.S. oil imports now and increasingly in the future."

Ethanol, commonly known as grain alcohol, is produced from materials whose carbohydrate (starch or sugar) content can be fermented. This yields a dilute alcohol solution, which is distilled to yield a highly concentrated (greater than 95 percent) ethanol solution.

Ethanol can be added to gasoline in proportions of one part ethanol to nine parts gasoline to produce gasohol, a fuel which performs well in automobiles. Auto and farm equipment engines can be modified to burn straight ethanol as well.

The guide discusses the current status of on-farm fermentation ethanol production and provides an overview of some of the technical and economic factors, in terms of that small or medium scale

farmers can apply to their own situations.

Tools such as decision and planning worksheets and a sample business plan for us in exploring whether or not to go into ethanol production are given.

Specifics of production including information on the raw materials, system components, and operational requirements are also provided.

A special emphasis has been placed on methods designed to maximize the net energy gain over the amount of energy used in raising crops, harvesting and distillation.

"This book is the result of a cooperative effort among SERI staff, DOE and outside experts who were asked to help us assemble the materials," Hayes said.

Production of fuel alcohol during 1979 was estimated to have been 80 million gallons.

The Solar Energy Information Data Bank is a national network managed by SERI's Information Systems Division for the Department of Energy.

Farmers file suit against Feds

WASHINGTON, D.C. — A group of farmers and farm workers filed suit against three agencies of the federal government to put an end to what they charged was the unwarranted use of taxpayer funds to finance labor organizing and related activities of the United Farm Workers.

The suit alleges that the Department of Labor, the Department of Health,

Education and Welfare, and the Community Service Administration went far beyond statutory authority and acted in violation of their own agency regulations in awarding grants of nearly two million dollars.

Additionally, the suit charges political favoritism in the grants intended to shore up UFW's financial structure and to assist in organizing farm workers.

Speaking for the principal plaintiff, American Farm Bureau President Robert Delano said it was "high time for someone to stand up and speak out for the taxpayer who is being asked to foot the bill for these strange and extravagant grants to Cesar Chavez."

The challenged grant awards include: — \$683,861 from the Department of Labor to establish a Comprehensive Employment and Training Act (CETA) program to train farmworkers in English as a second language and in the skills needed by the UFW to staff its various institutions; — \$120,925 from the Department of Labor to develop apprenticeship training programs for farmworkers; — \$601,692 from the Community Services Administration and \$195,315 from the Department of Health, Education and Welfare to purchase equipment needed to establish a UFW microwave communications system designed to link together the UFW hiring halls without the cost or ordinary telephone service; — and \$349,115 from the Community Services Administration to train the staff of the UFW credit union in such subjects as United States labor history, United States farm labor history, UFW union structure and the UFW constitution

Plaintiffs in the suit, filed in the U.S. District Court for the District of Columbia, include the American Farm Bureau Federation, the California Farm Bureau Federation, the Kern County (Ca.) Farm Bureau, and then individual farmers and farm workers

Plaintiffs contend that if

the suit is successful, the agencies will be ordered to disburse no further funds pursuant to the grant awards, to recover all funds already disbursed and illegally spent, and to recover all equipment illegally purchased with federal funds.

More importantly, significant legal precedent would be established restricting the federal government's use of federal tax funds to support union organization and other activities, and to require close scrutiny and accountability by responsible government officials in disbursing the taxpayers' money.

Fulton Grange names committee members

OAKRYN — Fulton Grange No. 66 met in regular session January 28, 8 p.m. at their hall in Oakryn, Lancaster Co., with the Master, Thomas C. Galbreath, presiding.

Mrs. Clifford Holloway III, chairman of the youth committee, announced plans for a Grange bowling party at the Quarryville Recreation Center Sunday, Feb. 3, 8 p.m. They also planned a code reading class to be held February 22, 7-30 p.m. at the home of the Master.

The Master announced the following committees: Women's Activities - Mrs. Charles Wallace, Mrs. Thomas Galbreath, Mrs. Richard Edwards, Mrs. Ira Welk, and Mrs. Samuel E. Rhoads; Youth - Mrs. Clifford Holloway III, Debbie Rhoads, Mr. and Mrs. LeRoy Welk, Agriculture - Arba Henry, Donald Trimble and Charles Wallace; Membership - Charles McSparran, Mrs. Doris Brown, J Stanley Stauffer and Mrs Rebecca Quinn; Tours - Clifford W. Holloway Jr, J Everett Kreider, Mrs William Rhoads and C G Mc-

Sparran; Young Marrieds - Mr. & Mrs. Edward L. Zug; Legislative - Richard Lefever; Hospitality - Mrs. Thomas C. Galbreath.

Mrs. Howard Miller reported the Oakryn Senior Citizens had their bus full to go to the Ice Capades at Hershey. The weather was ideal. They had dinner together and had a grand time.

Arba Henry, head of the Agriculture Department of Solanco High School, and FFA students Kim Landis, Tina Bucher and David Holzhauser presented the program. They showed slides taken by David Holzhauser and told about their trip to the National FFA Convention in Kansas City, Nov. 7th to 9th., 1979. Others who went were Gary Eberly, Betty Trumble, Troy Groff, Leslie Barnes and Ag teachers Ronald Althoff and Arba Henry. They travelled 2588 miles through Md., Va., Ky., Mo., and Ohio. Mr. Henry told about seeing the Agriculture Hall of Fame.

Mr and Mrs. Edward Zug will be in charge of the program at the next meeting Feb 11th

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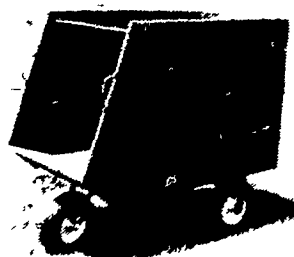
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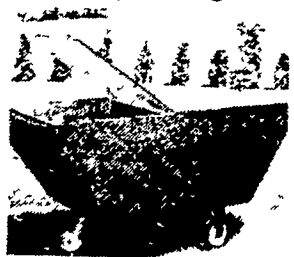
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