

Interest Brewing In Alcohol Organization

Some of the most useful tools in the fast-growing alcohol fuel movement are the organizations set up specifically to provide expert advice, financial help and the latest information to farmer-members.

The National Alcohol Fuel Producers Association (NAFPA), in Lincoln, Neb., may be the best-known group, established almost a year ago by a group of farmers, scientists and educators. The idea: To develop an informational network connecting all alcohol-interested groups or indi-

viduals with the latest news in a field exploding with new-found facts and discoveries.

The group, selling memberships for \$70, got off to a good start by producing what is probably the best alcohol book available: "A Learning Guide For Alcohol Fuel Production". The 350-page book is used as textbook for the alcohol producers school in Colby, Kan., and at other workshops across the country. It is available by mail to anyone interested. Sells for \$42.

"We're now working on the first-ever catalogue of still manufacturers, manufacturers of components used to build stills, producers of enzymes

and other related products, as well as experts and farmers with stills already on their farm. We'll be printing 100,000 copies for sale to the public," Lincoln Justice, president of NAFPA, told FARM SHOW.

"Right now, we provide a calendar of alcohol-related events across the country, exclusive technical bulletins, hotline reports on regulatory changes, help in setting up workshops, a monthly newsletter and more," he adds.

The group also offers alcohol plant bonding rates to members at one-third the normal rates and is researching safety aspects of alcohol fuel stills that may endanger farmers

operating them. "Oil companies are just waiting for accidents to happen so they can get the government to clamp down on on-farm production. We're trying to keep ahead of them," says Justice.

As this issue of FARM SHOW went to press, NAFPA had established 21 state chapters and recruited some 1,500 members. Their book, "A Learning Guide For Alcohol Fuel Production," comes in a ring binder designed to allow future updating.

For more information, contact: FARM SHOW Followup, NAFPA, 1700 South 24th St., Box 2756, Lincoln, Neb. 68502 (ph 402 423-7830).

Stills (From page 4)

plant — now under construction — will be built primarily from easily reproduced plastic. Contact: Alco-op, 8753 Windom Avenue, St. Louis, Mo. 63114. (Ph 314 429-4927.)

No one has done better in the world of alcohol than George Boucher of Ravenna, Nebr., who has managed to sell a small plant design to a manufacturing company and has built a sophisticated 1,400 gal. per day (1/2 mil. gal. per year) plant on his farm. Thousands of visitors from around the world have toured his facilities, and he is paid to teach Department of Energy employees and others about alcohol.

"My only qualification is that I've made the most mistakes in the alcohol business," says George, whose still will make use of an extruder rather than a cooker to process grain. "The extruder grinds and compresses the grain, heating it to the required temperatures using friction and doing so in much less time, with less energy. The machinery is expensive but it greatly simplifies the process," George told FARM SHOW.

Boucher operates under a commercial plant permit that allows him to sell alcohol. Behind the new metal building housing his still sits a huge 21,000 gal. storage tank. He sells wholesale out of this tank and since his plant is located right on a state highway, he hopes to sell to customers through gas pumps out front.

George has worked out the economics of alcohol this way: "Under an average center pivot you have 136 acres, and get maybe 15,000 bu. of corn. You can sell that on the market for \$30,000. But if you turn it into alcohol, you can bring in \$75,000 or more because you have both the fuel and the feed." He also is driving on alcohol, having converted both his cars to the fuel.

George's portable, one to four-gal. still, which he turned over to Reinke Manufacturing Co., is now for sale, ranging in price from \$1,900 to \$5,000.

For more information, contact: FARM SHOW Followup, George Boucher, Rt. 1, Box 7, Ravenna, Nebr. 68869 (ph 308 452-3185).

Who's Making It On The Farm?

For the past year, FARM SHOW editors have compiled the following directory of farmers and ranchers with experience in operating their own alcohol stills. The list was compiled from a variety of sources — local newspapers, reader letters, meetings, energy fairs, and so forth. We did not attempt to include the larger cooperative or community owned stills. If you'd like to compare notes with any of these experienced still operators, be sure to arrange in advance for an appointment to see an on-farm still in operation.

Arkansas J. Doyne Hayes Box 217 Sedgewick, Ark. 72465 (ph 501 886-7241)	J. R. Mapel Lake City, Ia. 51449 (ph 712 464-3621)	Jack Tersteeg Olivia, Mn. 56277 (ph 612 523-2150)	Oklahoma George Hicks Ryan, Okla. 73565 (ph 405 757-2351)
Jack White Van Buren, Ark. 72956 (ph 501 474-6997)	Clem Schroeder New Providence, Ia. 50206 (ph 515 497-5374)	Kenneth Dailey Pipestone, Mn. 56164 (ph 605 997-2514)	Pennsylvania Floyd Horst Renewable Energy Systems Kleinfeltersville, Penn. 17039 (ph 717 949-3077)
Colorado Eugene Schroder Campo, Colo. 81029 (ph 303 523-6787)	Kansas Jim Wood Manhattan, Ka. 66502 (ph 913 537-4467)	Archie Zeithamer Alexandria, Mn. 56308 (ph 612 763-7392)	Ronald J. Duke RR 1 Wind Ridge, Penn. 15380 (ph 412 428-4254)
Illinois Bill Tackemeyer Arenzville, Ill. 62611 (ph 217 997-2188)	Mark S. Coberly Gove, Ka. 67736 (ph 316 397-5928)	Missouri Marvin Orke Butler, Mo. 64730 (ph 816 679-3690)	South Dakota Jim Purfah RR 2, Box 99 Milbank, S.D. 57252
Frank Andrew Champaign, Ill. 61820 (ph 217 356-2885)	Dee Potter Syracuse, Ka. 67878 (ph 316 384-5189)	W.C. Askew Sedalia, Mo. 65301 (ph 816 826-6477)	Terrence Olson Newell, S.D. 57760 (ph 605 225-2611)
Dennis Knobelbach RR 1, Box 162 Mascoutah, Ill. 62558 (ph 618 566-4135)	Lynn Ellen Daxon Tallgrass Research Center Rte 2 Box 21 Formoso, Ka. 66942 (ph 913 794-2236)	Nebraska George Boucher Ravenna, Neb. 68869 (ph 308 452-3185)	Duwayne Gunderson Aberdeen, S.D. 57401 (ph 605 225-2611)
Indiana Unlimited Energy Inc. RR 4 Decatur, Ind. 46733 (ph 219 824-1353)	Forrest Flippo Abilene, Ka. 67410 (ph 913 263-4376)	Dick Ford Bertrand, Neb. 68927 (ph 308 472-3301)	Dr. Paul Middaugh South Dakota State University Brookings, S.D. 57007 (ph 605 688-4116)
John Hilger 12903 Washington Center Rd. Rt 5 Fort Wayne, Ind. 46618 (ph 219 625-3053)	John Chaffin, Jr. Sublette, Ka. 67877 (ph 316 675-2541)	Bryan Hayes Franklin, Neb. 68939 (ph 308 425-3691)	Texas Charlie Roberts Mereta Rt. San Angelo, Texas 76901 (ph 915 468-3751)
Iowa David Cohrs Woodbine, Iowa 51579 (ph 712 647-2624)	Michigan Randy Butters Homer, Mi. 49245	Clarence Berner Randolph, Neb. 68771 (ph 402 331-0481)	T. L. Stafford Pittsburgh, Texas 75686
Kent Lachner RFD Spencer, Iowa 51301 (ph 712 332-5872)	Minnesota Energy Independence Corp. Howard Lake, Mn. 55349 (ph 612 543-3277)	Gene Autry Pep, N. M.	Malcom Mask Richland Springs, Texas 76871 (ph 915 452-3333)
Ag Engineering Dept. Iowa State University Ames, Iowa 50011 (ph 515 294-4777)	John Hartberg Rte 2 Box 30 Heron Lake, Mn. 56137 (ph 507 793-2422)	New York Merrill Sanders 424 East North St. Powell, N.Y. (ph 307 754-5736)	Virginia John Rocco
Dennis and Russ Day Grimes, Iowa 50111 (ph 515 278-1390)	Hydro Fuels, Inc. RR, Box 71A Morton, Mn. 56270 (ph 507 697-6410)	North Carolina Gotha Woolard Washington, N.C. 27889 (ph 919 946-8843)	Wisconsin Ed and Bob Altenburg Plover, Wis.
Jim Montgomery Manly, Ia. 50456 (ph 515 454-2922)	Lyle Fischer Elk River, Mn. 55330 (ph 612 441-1826)	North Dakota Warren Hartje Cavaliar, N.D. 58220 (ph 701 265-8959)	Wally Berger Mosinee, Wis.
	Lester Krueger Redwood Falls, Mn. 56283 (ph 507 697-6410)	Ohio T. Loyal Miller Steam Corners, Ohio	A. L. Wood Richland Center, Wis. 53581 (ph 608 585-2031)