

DOE Grant Advances Research Into Corn Markets

ST. LOUIS, Mo. — The National Corn Growers Association, Archer Daniels Midland and the Department of Energy's Pacific Northwest National Laboratory will continue collaborating to explore new markets for corn with a \$2.4 million research grant from DOE.

The award enables NCGA, ADM and PNNL to extend their research on corn fiber utilization by two and a half years.

The highly skilled project team is multidisciplinary, consisting of business managers, engineers, chemists and biochemists from ADM, NCGA and PNNL.

The aim of the research is to convert corn fiber to higher value products, thereby opening new markets for corn growers. Under the agreement, the partners intend to economically derive high-value chemicals and oils from lower value corn fiber.

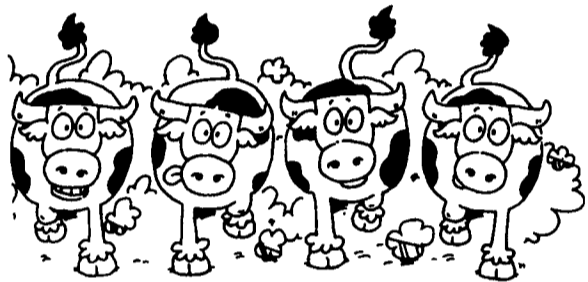
In doing so, they plan to demonstrate a sizable leap in technology. The project will encompass purification and characterization of trace

amounts of chemicals to designing and constructing a pilot plant capable of recovering high-value carbohydrates at a production level.

The project is valued at \$4.86 million, half funded by DOE and the remainder underwritten by NCGA and ADM.

The NCGA has long supported research targeting the increased utilization of corn fiber as a way to increase the overall value for corn.

The anticipated rise in demand for ethanol will result in an oversupply of feed byproducts from corn processing plants. According to Charles Abbas, ADM's project coordinator, "Processing of corn fiber from corn wet-mills to higher value products is essential to expanding corn wet-mills and to maintaining profitability of our industry. DOE's support for this project as a part of the U.S. focus on biobased products from renewables is indispensable to the further expansion of corn biorefineries."



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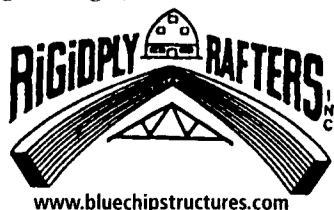
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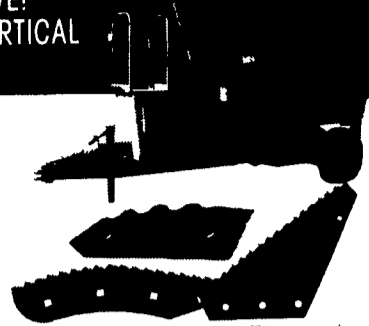
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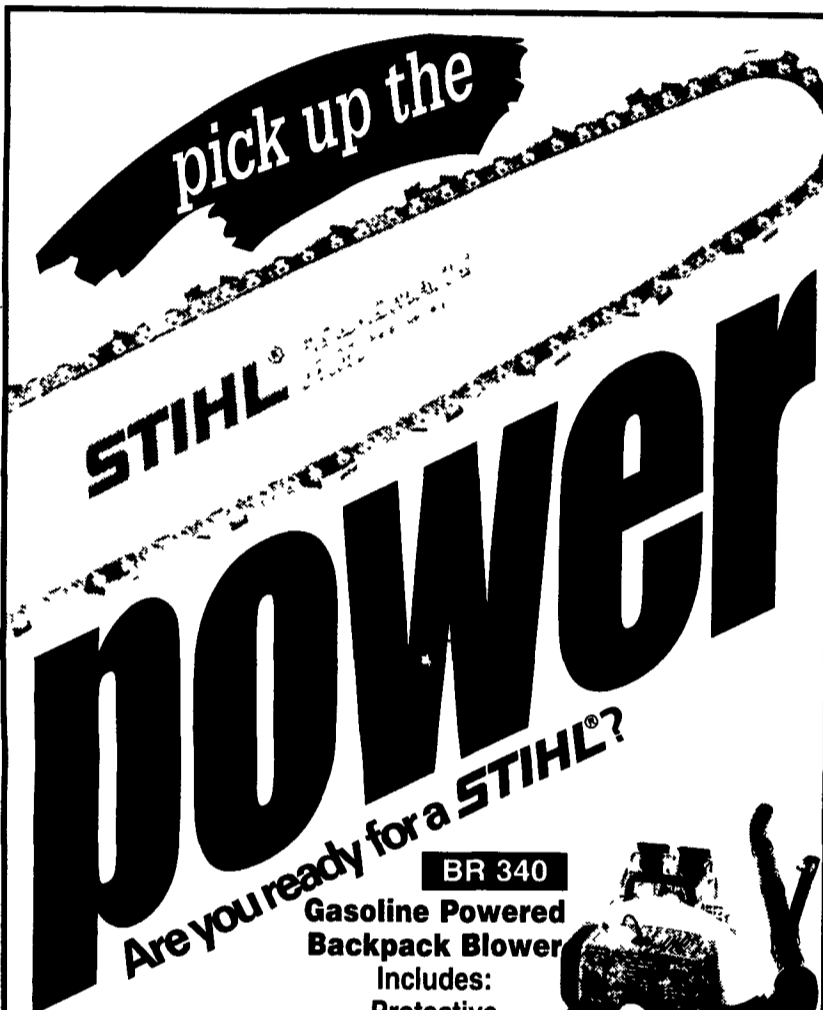
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