

1979

Preserving Snowflakes

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8. Screen out the distiller's grain, leaving the "beer" (alcohol and water) for the final step.
9. The beer is run through an upright distillation column at near-boiling temperatures. Since alcohol vaporizes at 173 degrees, the vapor rises and leaves the column, goes into a cooling tank where it becomes liquid. (Low-proof alcohol should be run through the distillation column a second time to reduce its water content.)
10. Denature the alcohol (under federal direction), and feed the residue as a high-protein supplement.

Many opportunities for more efficient conversion methods are possible and afford many opportunities for study in biology, physics, chemistry and engineering design, particularly in the production of small volume on-farm plants. Grants are available for such studies.

For further technical and legal details write for the free booklet *Corn Alcohol . . . Farm Fuel!* printed by the Iowa Corn Promotion Board, 402 West Towers, 1200 35th Street, West Des Moines, Iowa 50265. The booklet also contains a source of grants for improving efficiency in the production of corn alcohol.

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Preserving Snowflakes

One of the best responses to articles we have published has been *Snowflakes You Can Keep*, Vol. 14(3):24, 1977. An inexpensive kit using the same techniques can now be obtained from Ward's Natural Science Establishment, P.O. Box 1712, Rochester, New York 14603. The cost of the kit is \$5.50. Also available is a photoslide set with text describing and explaining different types of snowflakes.