Corn-to-Ethanol Demonstration Kits

The National Corn-to-Ethanol Research Center (NCERC) offers a corn-to-ethanol process demonstration kit that schematically shows the corn-to-ethanol conversion process. Each kit includes 13 sealed vials that demonstrate each stage of the corn-to-ethanol conversion process.

The kit includes:
- whole kernel corn sample
- milled corn sample
- a mash (slurry) sample
- two enzyme samples (alpha and gluco-amylase)
- yeast sample
- liquefaction sample
- sample from a fermentation tank
- syrup sample
- molecular sieve sample (dehydrating agent)
- air/carbon dioxide gas sample
- a dried distiller’s grain with solubles (DDGS) sample
- representative sample of denatured ethanol

Two laminated, colored process flow diagram sheets (11” x 18”) and (8.5 “ x 11”) will be provided. The kit also contains all the appropriate Material Safety Data Sheets (MSDS) and a 128 MB USB flash drive containing a Power point presentation of the complete corn-to-ethanol process. The thirteen, 5 mL sample vials are sealed with a color-coded, leak-proof, permanent serum bottle cap. The entire kit is mounted on a white Formica-coated 11.8” x 23.8” board. The bottles are numbered to correspond to the steps in the process.

The Corn-to-Ethanol Demonstration Kit can be purchased for $225 each plus $20 shipping or at the reduced price of $125 each plus $20 shipping for academic institutions. To purchase, go to www.ethanolresearch.com/demonstration-kits.shtml.
To place an order via mail, please provide the following information:
(Please Print)
Name____________________________________________________________________________________________
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Company or Institution______________________________________________________________________________
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Corn-to-Ethanol Demonstration Kit Order:
Academic Institutions, Non-Profit Organizations, Trade Associations, and Governmental Institutions
Quantity ________ at $125 each = _________
Shipping ________ at $20 each = _________

All Others:
Quantity ________ at $225 each = _________
Shipping ________ at $20 each = _________

Make checks payable to National Corn to Ethanol Research Center. Please mail your order form and check payment
to the following:
National Corn-to-Ethanol Research Center
ATTN: Barb Randle,
400 University Park Drive
Edwardsville, IL 62025

Barb’s contact information:
Barb Randle, Business Manager
618-659-6737 x 228
brandle@ethanolresearch.com

NCERC will get in contact with you once we’ve received your order.