U.S. Department of Transportation

SunGrant INITIATIVE

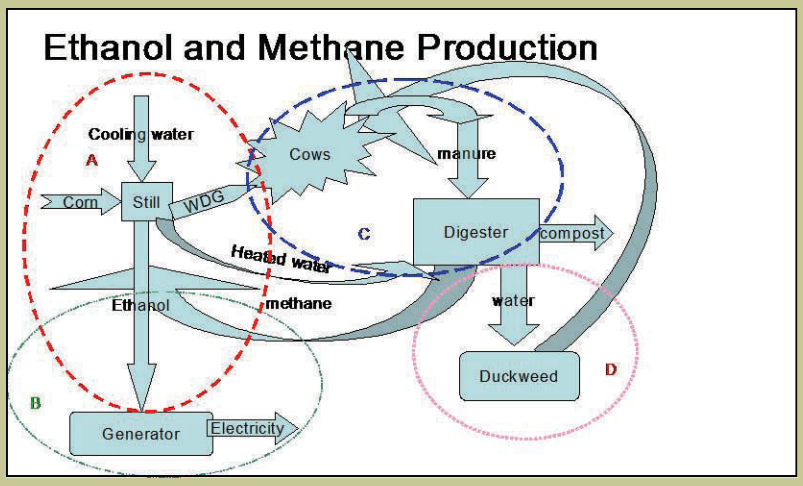
Northeast Region

SMALL FARM INTEGRATED ENERGY SYSTEM DESIGN

Dr. Norm Scott, Cornell University

OBJECTIVE

The purpose of this project is to design an anaerobic digester for dairy farm with less than 100 cows (representing 75% of NY diary farms).



The anaerobic digester design will not exceed the normal management skills of a small farm operator and could be incorporated into a system. as shown here.

The anaerobic digester design will be:

INEXPENSIVE,

SIMPLE DESIGN,

EASY TO OPERATE

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