NORTH AMERICAN ETHANOL
New HO Scale Industry for Today’s Railroading!

- First Release Fall 2009
- 7 New Cornerstone® Structures
- New PROTO 2000® SW9/1200 Plant Switchers
- 3 New Gold Line™ Freight Cars
- Contemporary American Prototypes
- Great Stand-Alone Theme or as Part of a Larger Layout

See more information at walthers.com/ethanol
Essential Industry for Your Modern Layout

Since the 1970s ethanol has been recognized as a viable alternative to gasoline, with about 30% of all gasoline sold in the United States containing ethanol. Combined with reductions in the use of oil, ethanol contributed to a significant decrease in our oil dependence. Now, with the rising cost of oil and the need for energy conservation, ethanol is more important than ever.

Ethanol Production Moves with the Right Railroad Equipment

Ethanol is a valuable byproduct of corn and other grains. After the yeast ferments the starch in the corn, the yeast converts the alcohol and solids, known as distillers grains with solubles (DDGS) or dried distillers grains with solubles, into ethanol. As the DDGS storage shed is filled, a railcar moves the DDGS to a nearby feed mill. The corn is cooked to reduce bacteria levels. After cooling, it’s piped to a distillery tank, where it’s converted into alcohol. The fuel is then pumped to storage tanks and then routed through augers and a discharge grate before being ready to ship in tank cars. A small grain conveyor moves the corn into the processing center minus the starch, is processed into alcohol and solids, now called stillage, are stored in the DDGS storage shed for animal feed. In the contemporary railroad, including ethanol plants, you’ll find modern elevator facilities in almost anywhere you find ethanol plants being built. Your Modern Layout

Customize Your Plant with Seven New Ethanol Structures

Fuel Your Railroad’s Growth with Ethanol

Great Ideas to Expand Grain Service

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