

barometer

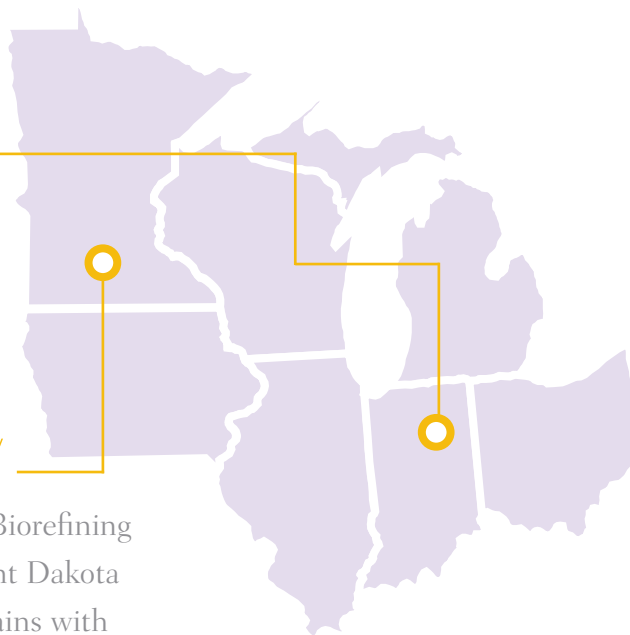
the gold standard

Personal best

49 POET Biorefining – North Manchester loaded a personal record 49 railcars of Dakota Gold in one week.

Consistency is key

95% In Lake Crystal, Minn. POET Biorefining consistently produces 95 percent Dakota Gold® quality dried distillers grains with solubles. They have also increased their tonnage per railcar to over 100 tons.



ethanol cares

Created in 2002 POET Biorefining – Glenville, Minn. the “Ethanol Cares” program collects gifts and monetary donations throughout the year to present to less fortunate families in their time of need.

others who care

- » POET Biorefining – Marion, Ohio, donated leftover food from their grand opening celebration to local charities.
- » Team members from POET Biorefining – Hanlontown, Iowa, volunteered their time at the local Mason City Community Kitchen.
- » Team members at POET Biorefining near Caro, Mich., donated money to help a fellow team member.

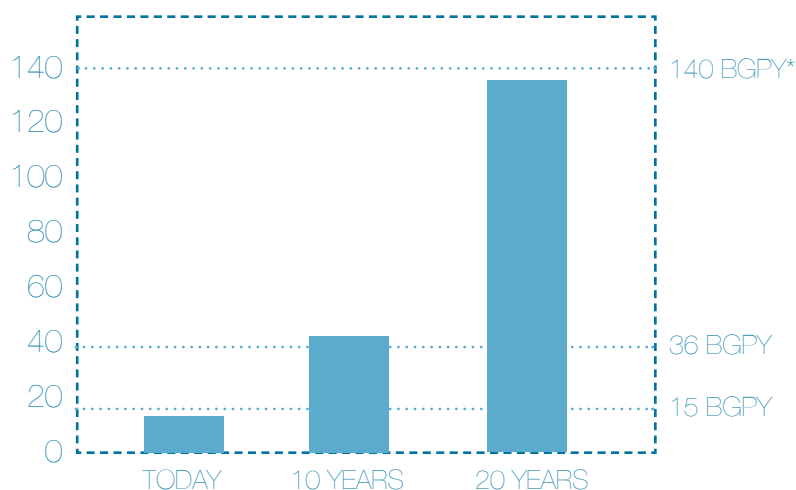
expansion >>

- POET Biorefining – Laddonia in Mo. invested \$2 million for a one percent yield increase that will come online in April '09.
- The expansion at POET Biorefining – Chancellor to include landfill gas to help power the plant came online in February 2009. (see “New Direction,” Vital, Summer 2008)

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FUTURE ETHANOL PRODUCTION

Ethanol has the potential to replace over 90% of our nation's gasoline usage.



Source: USDA/DOE

With the tremendous increases in corn yields and over one billion tons of cellulosic biomass in the U.S., the possibilities for ethanol are staggering.

* Current U.S. Gasoline Consumption

BEGINNING THE CLIMB

In March, Growth Energy submitted a Green Jobs Waiver to the Environmental Protection Agency (EPA) asking it to lift the ethanol limit from 10 percent per gallon (E10) to 15 percent per gallon (E15).

The move to E15 has the potential to create as many as 136,000 new green jobs that couldn't be outsourced. Available in both the city and rural communities, these jobs would inject nearly \$24.4 billion into the American economy.

The move to E15 will avoid the importation of another 7 billion gallons of oil per year. Also, E10 is already reducing greenhouse gas emissions by 12-19 percent compared to regular gasoline. That percentage will continue to increase with the additional blend.

The EPA has a 270 day time frame to determine that ethanol blends up to E15 will not affect the emission control systems in vehicles and approve the request.

“We can move fairly quickly to move that rate up from 10 percent to maybe 12 or 13 percent in the interim and then take an even further jump to 15 percent or even 20 percent over the course of the next couple of years.”

Tom Vilsack, the Secretary of Agriculture, said to the National Farmers Union convention in March.

To learn how you can support E15, visit goe15.com.