Cellulosic Ethanol Tour: Commercial Status of Advanced Biofuel Production in Iowa
July 25, 2014

Cellulosic ethanol has long been derided as “forever five years away” from commercial-scale production. But 2014 seems to be the year when cellulosic ethanol will enter the market in earnest, and Iowa is the state that is moving fastest to demonstrate the technology. There are three separate cellulosic ethanol projects in Iowa that are currently under construction. This tour is an opportunity to see this new technology for yourself.

Cellulosic ethanol is key to maximizing the climate and sustainability potential from biofuels. In addition to unlocking deep GHG reductions, creating a real market for biomass can open the door to achieving broad sustainability impacts through the profitable deployment of residue management, no-till agriculture, cover cropping, and perennial crops.

The tour will feature the following activities:

- **Tour of Poet-DSM:** Poet-DSM’s Project Liberty is complete and in the process of commissioning as of April 2014, and is expected to be operating in July 2014. This will be the largest cellulosic ethanol plant to date. It will utilize corn stover to produce 25 million gallons per year of cellulosic ethanol. Its innovative design is co-located with a 100 million gallon per year corn ethanol plant.
- **Tour of DuPont Cellulosic Ethanol:** DuPont Cellulosic ethanol will be under construction in July 2014. Tour participants will be able to see the progress being made in completing this facility. DuPont Cellulosic Ethanol will be a 30 million gallon per year facility utilizing corn stover as its feedstock.
- **DuPont Cellulosic Ethanol Supply Chain:** Participants will see satellite corn stover stover facilities, and learn how the company is developing a supply chain to sustainably harvest and transport biomass.
- **Visit with farmers:** To talk about production of biomass feedstocks and talk about sustainable management of crop residues.
- **Visit production sites for perennial cropping systems:** And learn about how these crops are being used to help soil and nutrient run-off and improve water quality.
FRIDAY, JULY 25

7:15 a.m.         Depart from Ames, Iowa (continental/to-go hotel breakfast)

9:30 a.m.         Woodford Equipment, Emmetsburg, to examine corn stover harvesting equipment: Eric Woodford, Owner

10:00 a.m.        Arrive at Poet-DSM Advanced Biofuels Project LIBERTY.

    Brief discussion regarding LIBERTY and biomass feedstock: Doug Berven, Vice President, Corporate Affairs, POET

    Discussion with corn stover supplier: Charlie Kollasch, Independent Grower

    Project LIBERTY site tour: Daron Wilson, General Manager, Project LIBERTY

11:15 a.m.        Depart from Poet-DSM Cellulosic Ethanol, travel to Ames, IA - visit some sites along the way - perennial crop production, farmer visit, etc. Box lunch and presentations along the way.

2:00 p.m.         Drop-off in Ames, continue on to Nevada area

2:15 p.m.         Tour of satellite corn stove storage facility. Learn more about DuPont's process for collecting, transporting, and storing corn stover.

3:00 p.m.         Tour at DuPont Cellulosic Ethanol site in Nevada, IA. Tour the plant, which will be under construction. Level of access will depend on status of construction.

4:00 p.m.         Travel to Des Moines, visit some sites along the way - perennial crop production, etc.

5:00 p.m.         Dinner in Des Moines

Transportation between airport, hotel, conference space, and tours is complementary.