

Please provide a 1-3 sentence description of your organization.

POET, the largest dry mill ethanol producer in the United States, is an established leader in the biorefining industry through project development, design and construction, research and development, plant management, and marketing. **Formerly known as Broin**, the 20-year old company currently operates 20 production facilities in the United States with seven more in construction or under development. The company produces and markets more than one billion gallons of ethanol annually. For more information, go to <http://www.poetenergy.com>.

Relative to bioenergy, what are your top problems and which research products (or researchable questions to which you need answers) would help you solve these problems?

- ◆ Ethanol yield improvement
- ◆ increased ethanol titers
- ◆ conversion of cellulose to ethanol

What do you think ARS's top bioenergy research priorities should be (no more than five, please)?

- ◆ Improved corn varieties (corn quality),
- ◆ improved fermentation processes for both starch and cellulose to ethanol;
- ◆ alternative energy systems that utilize ethanol plant by-products to produce steam or methane

Additional customer service questions:

What might ARS do to serve its customers/stakeholders better?

Engage industry stakeholders more directly in creating the ARS roadmap

What, in particular, about ARS would lead you to recommend ARS to someone else looking for similar research products?

Demonstrated history of stellar agricultural research