

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

**Office of Biomass Program, Energy Efficiency and Renewable Energy
U.S. Department of Energy**

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

Need large-scale sustainable supply of biomass feedstocks (includes agricultural residues) with appropriate cost, quantity, and quality which could be converted to biofuels that would displace petroleum-based transportation fuels to meet the President's 20 in 10 goal.

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

- ◆ Land Sustainability of Residues (Ag, Forest) - Guidelines for sustainable agricultural residue (corn stover, wheat straw, etc) collection
- ◆ Land Sustainability: Water Supply / Quality
- ◆ Energy Crop (Switch Grass, Sorghum, etc) Development
Basic Plant Breeding / Crop Improvement Program
- ◆ Systems Approach to Harvesting / Preprocessing / Storage / Transportation
- ◆ Improve Production Practices and Technology

Additional customer service questions:

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

Be a leader in bioenergy feedstock development, and work in collaboration with other Federal Agencies such as DOE, USDA- Forest Service, DOI, DOT, EPA, etc having similar interests in renewable and sustainable bioenergy development.