

Group:	Biodiesel
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For each of the three major Components, what should be the ARS research priorities over the next five years?

Please make priorities clear, concise and unambiguous

Please list highest priority at the top

- **Overall concerns: Take down the "Mission Accomplished" banner**
- **Underrepresentation of vested stakeholders and Federal government**
- **Lack of emphasis on biodiesel vs. starch and cellulosic ethanol**

- **Feedstock Development and Production (maximum of 10)**

High oil content for existing and new crops
Improve fatty acid profile for existing and new crops
Higher yield per acre for existing and new crops
Greater feedstock diversity (animal fats, algae, used oils, new crops, etc.)
Collaborative:
Soil and water quality
Education

Relative weight (0-10) = 4

- **Properties and Performance (maximum of 10)**

Improve cold flow and oxidative stability
Compatibility with modern diesel technology
Establish emissions certification for off-road applications
Update life cycle

Relative weight (0-10) = 3

- **Conversion & Co-Products (maximum of 10)**

Process efficiency improvement
Analytical testing and quality assurance
More uses and quality issues of glycerol
Conversion of alternative feedstocks

Relative weight (0-10) = 3