

Group:	Cellulosics to Other Fuels
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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

▪ **Feedstock Development (maximum of 10)**

Assist business w/ transgenics (for regulatory)

Relative weight (0-10) = 1

▪ **Feedstock Production (maximum of 10)**

Densification, drying, handling, storage, transportation
Agronomic (incl. stand establishment & management of dedicated feedstocks)
Crop protection

Relative weight (0-10) = 3

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

Engineering & development of low capital cost conversion units; Assess tradeoffs between efficiency, scale and capital cost
Data & characterization of products for standards & regulatory requirements
Robustness of the facility to handling physical and chemical variability in feedstocks & products
Evaluating distributed vs. centralized conversion facilities
Coproducts research, including biochar uses

Relative weight (0-10) = 6