

INTERNAL ARS SCIENTISTS BREAKOUT SESSIONS

Break out group name **FEEDSTOCK DEVELOPMENT**

Identify problem areas for Action Plan

Germplasm development & assessment

Cultivar development & evaluation

YIELD

Breeding for quality traits

Quality of co-products and residues

Plant protection – biotic stresses

Collection & characterization

Looking for traits

High throughput phenotyping

Regional feedstocks

Risk analyses

New genetic resources

Plant development / basic research

Experimental design

New breeding methodologies

Use of markers in perennial species

Developing new genetic tools

Plant physiological investigations

Cell wall structure, composition, and degradation

Understanding abiotic stress

Discovery of co-products

- **Identify teams and team leaders to write portions of the Action Plan**

Mike Casler (Leader)

Jeff Pedersen

Bill Anderson

Gautam Sarath

Christian Tobias

Paul Scott

Joe Burton

- **Identify ARS locations involved**

Germplasm development & assessment:

Lincoln, St. Paul, Houma, Tifton, Stillwater, Raleigh, Logan, Madison, Ames, Dawson, Peoria, IL;

Plant development / basic research

Albany, Ithaca, Lincoln, St. Paul, Madison, Ames, Stoneville, Athens, Columbia Urbana, Logan

- **Identify links to other ARS national programs**

301 Plant Genetics and Genomics

302 Plant Biological and Molecular Processes

303 Plant Disease
304 Crop Protection
306 Bioproducts
205 Range Pasture & Forages

- **Identify external partnerships**

DOE
NRCS Plant Materials
Universities
APHIS
National Invasive Species Council
Plant Biotech
Private Industry
NGOs
DOD
International Partners

- **If time permits, identify research objectives**

Out of time
