

CAES Biofuels Timeline

2007

April

• Investigate species and cultivars of oil-seed crops for their regional suitability

October

2008

• Investigate biodiesel yield from species and cultivars of oil-seed crops, as well as assessing their green manure value and impact on agricultural sustainability

April

• Investigate species and cultivars of oil-seed crops under integrated pest management (IPM) conditions for effectiveness as biofumigants

2009

• Assess the value and suitability of pressed seed cakes as organic fertilizer

CAES Biofuels Timeline

2007

April

- Develop chemical methods for analyzing Connecticut-produced biodiesel for its sulfur content
- Develop chemical methods for analyzing Connecticut-produced biodiesel for its elemental composition

2008

- Compare chemical methods based on ICP-OES with ASTM instrumentation
- Develop chemical methods for analyzing Connecticut-produced biodiesel for chemical contaminants which might compromise its usage

2009

- Develop chemical methods for profiling biodiesels as function of crop source for regulatory issues
- Investigate improvements in biodiesel production