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An Equal Opportunity Institution.
Everything entering the process leaves as a commercial product

Process Chemicals
- Magnesium Sulfate
- Trace Metals
- N, P, K

Step 1. BIOMASS FEED

Step 2. PRETREATMENT

Step 3. LIQUEFACTION

Step 4. SEED PROPAGATION

Step 5. FERMENTATION

Step 6. BEER WELL

Step 7. DISTILLATION

Step 8. DECANTER

Step 9. DATA ANALYSIS

Biomass (70% Sugar)
3-5 tons/day

Liquefaction

Fermentation

Seed Propagation

Pretreatment

Fertilizer Co-Products

Decanter

Solids

Boiler Fuel Co-Products
1-2 tons/day

Ethanol
210-350 gallons/day

Day 0
- Seed Propagation

Day 1
- Pretreatment, Liquefaction, Fermentation

Day 1-3
- Fermentation

Day 3-4
- Beer Well, Distillation, Decanter