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An Equal Opportunity Institution.
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

Every step entering the process leaves as a commercial product.

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

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

- Fermentation
  - 210-350 gallons/day

- Distillation

Day 0 - Seed Propagation
Day 1 - Pretreatment, Liquefaction, Fermentation
Day 1-3 - Fermentation
Day 3-4 - Beer Well, Distillation, Decanter

- Fertilizer Co-Products
- Solids, Boiler Fuel Co-Products
- Ethanol
  - 1-2 tons/day

Day 0 - Seed Propagation
Day 1 - Pretreatment, Liquefaction, Fermentation
Day 1-3 - Fermentation
Day 3-4 - Beer Well, Distillation, Decanter