Composting & Vermicomposting in Georgia-Pacific

Sustainable Soils Forum
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Why Use Worms

- Residuals Disposal: $5 - $30 per ton
- Compost: $5 - $15 per ton
- Vermicompost: $25 - $1,000 per ton

Eisenia fetida
aka redworm, red wiggler
Saul Furstein - Composting & Vermicomposting at a Pulp Mill
Worm Power’s Avon, NY Facility

- Largest agricultural vermicomposting facility in Western Hemisphere
- 10 acre site
- 8 buildings totaling over 89,000 sq-ft under roof
- All water from rain fed cisterns
- 21 total earthworm digesters
- Process over 10,000,000 lbs/year of dairy manure
- Final product sold at 12X over compost to some of the largest Agricultural companies in the U.S. (Syngenta, SunGlo Fertil)
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Leaf River Mill Next Steps

- Await trial results at local nursery
- Drs. Bachman & Coker – MSU
  - Greenhouse & Field Studies
    - Vegetables
    - Flowering annuals
    - Plant growth
    - Yield
    - Disease suppression
  - Market Study
- Scale up