

Making Sense of Treatment Technology Options for Livestock Farms

Using the Newtrient LLC Technology Catalog

Mark Stoermann COO
Newtrient LLC
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Newtrient - A New Kind of Company



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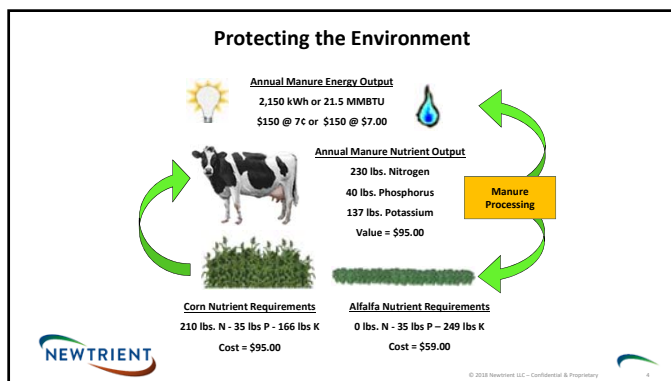
The Newtrient Ideal Manure Treatment System

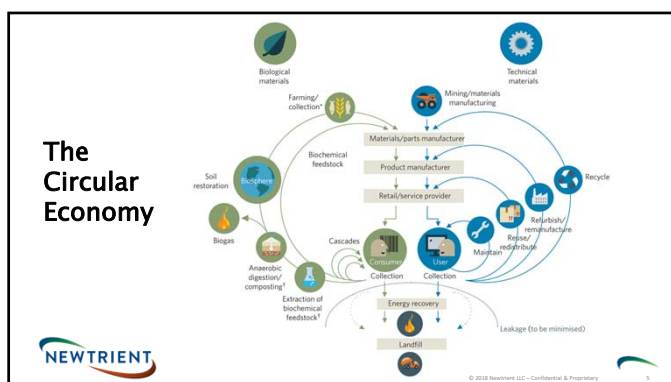


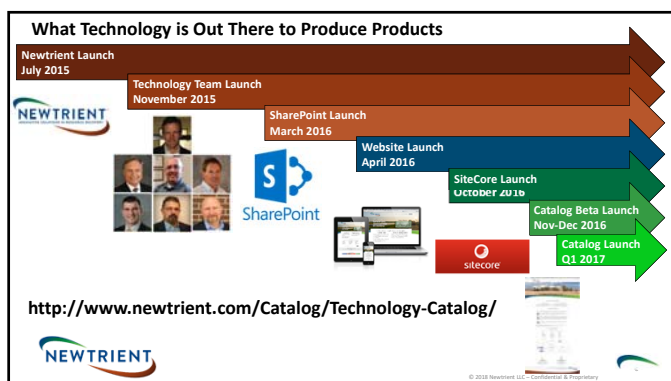
- EFFICIENT ODOR CONTROL
- EFFICIENT CONTROL OF N & P (CLEAN WATER ACT)
- IMPROVE FLY CONTROL
- ABILITY TO CONTROL PATHOGENIC BACTERIA
- REDUCED AIR EMISSIONS (CLEAN AIR ACT)
 - METHANE
 - AMMONIA
 - HYDROGEN SULFIDE
 - NOx
- RETURN ON CAPITAL THROUGH BY-PRODUCTS
 - FERTILIZER
 - ENERGY
 - HEAT
 - CREDITS
- EASE OF OPERATION / LOW OPERATING COSTS

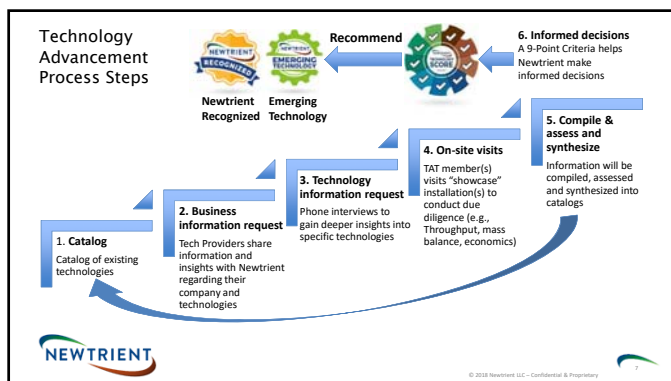


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Newtrient 9-Point Criteria

- Commercial Viability**
- Operational History** (currently operating on 3 farms)
- Operational Reliability** (record of 12 months reliable performance on 3 farms)
- Market Penetration** (installed on 10 farms)
- Economic/Business Transparency**
- Capital Costs Identified** (installed CAPEX is clear)
- Operations and Maintenance Cost Identified** (actual OPEX is clear)
- Vendor Information Sharing** (Business & Technology Information)
- Industry Value/Reviews**
- Value Proposition** (delivers identifiable value to the farm)
- Case Study** (completed Case Study)
- Customer Reviews** (3 farmers indicating they would recommend it to a colleague)

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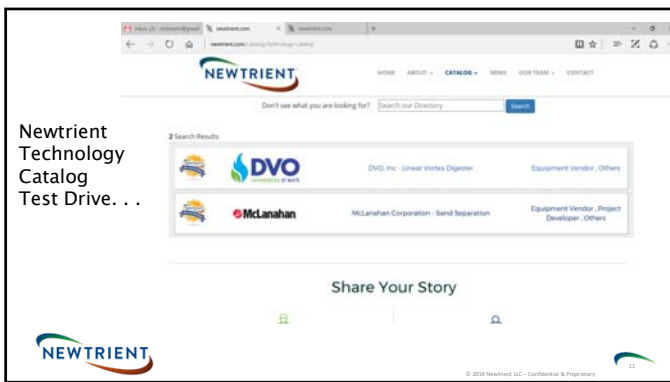
Newtrient Recognized and Emerging Technology

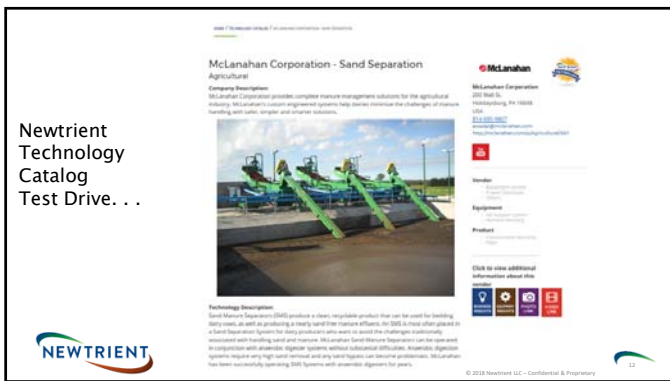
Newtrient Recognized Designation
The Newtrient Business Team assigns the Newtrient Recognized designation to a technology that demonstrates high marks on the 9-Point Technology Criteria and about which the Business Team is comfortable with what the technology does what it claims to do; contacting the vendor directly may be helpful in your search for the right technology for your farm and business goals.

Emerging Technology Designation
The Newtrient Business Team assigns this designation to a technology that appears to be headed in the right direction based on their 9-Point Score. An Emerging Technology is a technology that has not yet met all the criteria of the "Newtrient Recognized" designation but that Newtrient feels is promising and appears to be heading in this direction.

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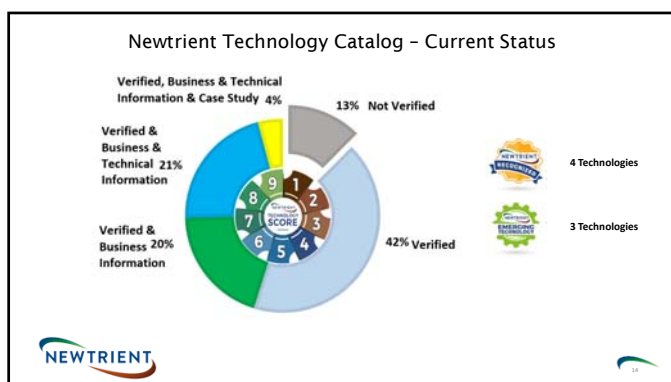






Newtrient Technology Catalog Test Drive...

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Next Steps: Developing Critical Indicators

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