Livestock and Poultry Environmental Learning Center Webinar Series

February 16, 2018

Making Sense of Treatment Technology Options for Livestock Farms
Using the Newtrient LLC Technology Catalog

Mark Stoermann COO
Newtrient LLC
February, 2018

The archived presentation will be available at:
http://articles.extension.org/pages/21819/chronological-webcast-archive

Newtrient – A New Kind of Company

The Newtrient Ideal Manure Treatment System

1. EFFICIENT ODOR CONTROL
2. EFFICIENT CONTROL OF N & P [CLEAN WATER ACT]
3. IMPROVE FIV CONTROL
4. ABILITY TO CONTROL PATHOGENIC BACTERIA
5. REDUCED AIR EMISSIONS [CLEAN AIR ACT]
   - METHANE
   - HYDROGEN SULFIDE
6. RETURN ON CAPITAL THROUGH BY-PRODUCTS
   - FERTILIZER
   - ENERGY
7. EASE OF OPERATION / LOW OPERATING COSTS
   - HEAT
   - CREDITS
### Protecting the Environment

**Annual Manure Energy Output**
- 2,150 kWh or 21.5 MM BTU
- $150 @ 7¢ or $150 @ $7.00

**Annual Manure Nutrient Output**
- 230 lbs. Nitrogen
- 40 lbs. Phosphorus
- 137 lbs. Potassium
- Value = $95.00

**Corn Nutrient Requirements**
- 225 lbs. N - 35 lbs P - 166 lbs K
- Cost = $95.00

**Alfalfa Nutrient Requirements**
- 0 lbs. N - 35 lbs P – 249 lbs K
- Cost = $59.00

### The Circular Economy

**Newtrient Launch**
- July 2015

**Technology Team Launch**
- November 2015

**SharePoint Launch**
- March 2016

**Website Launch**
- April 2016

**SiteCore Launch**
- SAT 2016

**Catalog Beta Launch**
- Nov-Dec 2016

**Catalog Launch**
- Q3 2017

http://www.newtrient.com/Catalog/Technology-Catalog/

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Newtrient Technology Catalog
Test Drive...
Next Steps:
Developing Critical Indicators

Individual Indicator Pages

These pages are used to feed the individual technology pages.

Visitors will access these pages by clicking on the Critical Indicator Scale on each technology page.

We may include links to all the technologies in this category on these pages.

These pages will also include a link to the full Critical Indicator Document in PDF form.

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http://www.newtrient.com/Catalog/Technology-Catalog/

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