SHURGREEN FARMS, LLC.™
Organic Materials Recycling

[ORGANIC WASTE STREAM RECYCLING]

Cardboard > Plastic > Liquid > Sludge > Packaging

[360 ORGANIC RECYCLING COMPANY]

We take pre-consumer unused human and pet food plus packaging destined for landfills and efficiently recycle them into high-quality, useful end products such as renewable energy, crop nutrition, and non-ruminant animal feed as well as repurposed packaging.

Our environmentally responsible process offers our customers a new revenue stream as well as a partner to support their corporate sustainability and operational efficiency goals.

[MARKETS SERVED]

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OUR END PRODUCTS FROM PROCESSED BYPRODUCTS

SHURGREEN FARMS, LLC.
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1

Crop Nutrition From Solid Waste

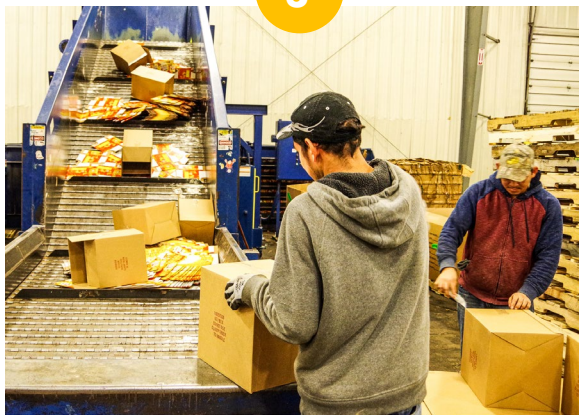
Collect wet solids that are suitable for crop nutrition used to nourish and grow crops

2

Animal Feed From Recycled Organic Byproduct

Integrating organic residuals into ruminant livestock feed approved materials

3



Certified Product Destruction

Protects your brand while limiting your liability in the marketplace

4

Energy Into Renewable Energy

Anaerobic processes that break down organic materials for use in:

> Ethanol

> Biogas

> Biofuels

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360 DEGREE PROCESS

SHURGREEN FARMS, LLC.
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Transportation

Using a fleet of diversified trucks and trailers or direct ship through rail we handle logistics from your facility to ShurGreen

Process & Sorting

Material unloaded, separated, and sorted into packaging, liquids, and solids for rendering into final product

Product Pick Up

Staged trailers with remote sensors and/or tote system are delivered and dedicated to your facility

Product Pick Up

Trailer is scaled on-site, contents unloaded with sample taken, and analyzed, sealed, and verified

Product Delivery

Repurposed byproducts are transported for final application

Animal Feed

Crop Nutrition

Renewable Energy

Product Destruction

Packaging

Liquids

Solids

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[TRANSPORT]

- Wholly-owned fleet of trucks and trailers locally, regionally, and partners nationally
  - Vacuum and insulated tankers
  - A fleet of semi-trailer style dry vans with 53-foot trailers
  - Refrigerated trailers
  - Roll-off container trucks
  - Dump trailers
  - Compactor, baler, and other specialized equipment
- Modern and well-maintained equipment
- Drivers are well-trained and bonded
- Certified truck scale by the Ohio Department of Agriculture
- Over-the-road and LTL services that are managed and scheduled to meet your needs

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SUSA WASH OPEN TOP TOTE CLEANING SYSTEM

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Primary Benefits Include

- Totes are coded and dedicated to your facility
- Can be used for dry and wet ingredients
- All are ISMA labeled to ensure compliance
- All are regularly sanitized and returned to the process

Process Efficiencies, Features, and Benefits

- Operated at speeds that are applicable to the design of the washer, and maintained per Dunnage Wash Systems, Inc. specifications
- Suitable cleaning solutions are used
- Product Jam Sensing Clutch
- 304 Stainless Steel Roller Chain, 2082 Oversized Roller
- Variable Frequency Drive - Motor Drive
- FPM 0.50 Minimum / 15.0 Maximum
- The rated load is 50 lbs. per square foot

Performance

- 30-40 Bins per hour
- Decontamination of dirt and foodborne pathogens while cleaning and removing, bacteria

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BAKER RULLMAN ROTARY DRYER SYSTEM

Primary Benefits Include

- Energy efficient, high-performance rotary dryers have developed a global reputation in ultimate reliability
- All three cylinders in the BR system are triple-pass dryer system are full-length
- Trunnion rollers are made from Class 50 cast iron with a minimum roller face hardness

Process Efficiencies, Features, and Benefits

- Use less fuel per ton of product than many other drum dryers and do so in significantly less space
- Better heat utilization created by longer residence times, robust temperature control, and drum insulation
- Design protects your product from under or over drying
- Reduced Volatile Organic Compounds (V.O.C.) emissions

Performance

- Triple-Pass Technology remains the superior dehydration system by optimizing operating costs, efficiency, and end-product consistency

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CERTIFIED PRODUCT DESTRUCTION

- Certified product destruction that protects your brand while limiting corporate liability
- Featuring a Thor depackaging and separator system
- Non-hazardous organic liquids, solids, sludge, plastics, and packaging

Trusted partner with a proven chain-of-custody and certification of destruction for your records

VIEW DEPACKAGER ANIMATION

https://www.youtube.com/watch?v=r-JWgaQZLPU

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[LIQUIDS]

- High tech fully-automated premium drag-line and lateral-move systems for placement of liquids onto ag fields
- Center pivot installations for in-field distribution of liquid recycled crop nutrients
- Handle and repurpose poultry, meat, wet pet food, and other liquid by-product
- Multiple lagoons on site at the Ohio facility with additional locations in development

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[COMPLIANCE]

- ShurGreen Farms, LLC is a FSMA compliant facility, regulated and inspected by the Ohio Department of Agriculture as a feed manufacturer
- All certification requirements apply to the receipt, record keeping, destruction, and reporting practices
- Proper handling of products from pick-up through organic recycling
- Materials are properly removed from the market and destroyed/recycled to eliminate any possible downstream liabilities
- We record each process, properly ensuring a proper paper trail for your corporate records

Ohio | Department of Agriculture
Governor John R. Kasich • Lt. Governor Mary Taylor
Director David T. Daniels

Division of Plant Health - Grain, Feed & Seed Program
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www.agri.ohio.gov • simmons@agri.ohio.gov

Agricultural License and Registration

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Registrant:	Submitted For:
93512 Shur-Green Farms LLC	93512 Shur-Green Farms LLC
9159 State Route 118	9159 State Route 118
Ansonia OH 45303	Ansonia OH 45303

The name and address appearing on this license shall be the same on all labels and invoices for product name, brand or grade distributed in Ohio.

COMMERCIAL FEED REGISTRATION

Registered to manufacture or distribute feed in Ohio in compliance with the provisions of Section 923.41 to 923.55 of the revised code with no expiration date.

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[GO GREEN]

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[THE PERFECT SYNERGY]

Intrinsic understanding, deep expertise, leadership, innovation, and experience

Pre-consumer unused human and pet food plus packaging

Strategtic planning to implementation to compliance and tracking

Comprehensive services across all waste streams segments

Trusted compliance, chain of custody, high-level tracking, and reporting

Family-owned and operated using good old-fashioned horse sense

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thank you

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