



“Incredisoil”

Rhett Marlow – Cowart Mulch
Wayne King – Erth Products
Doug Kunnemann – NatureWorks LLC

How two companies came together to provide a commercial composting solution!



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INCREDISOIL[®]



Back in 1989, we had a big, crazy idea.

What if we could turn greenhouse gases like carbon dioxide into products?



150,000 MT

Ingeo PLA plant in Blair, NE USA



2 Billion Lb Milestone in 2017

Aggregate volume sold since 2005



Dedicated Applications Development and R&D Facilities



Jointly owned by Cargill and PTTGC



Established global market channels

- Commercial partnerships with global brands
- Sales team in 15 countries across North America, Latin America, Europe, and Asia

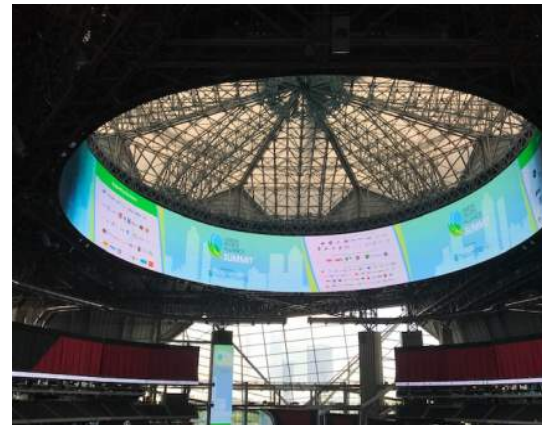


Strong environmental expertise and product characteristics

- Peer reviewed LCA's and eco-profile demonstrate smaller carbon footprint and lower fossil energy use
- Products enable portfolio of end-of-life options
- Dedicated internal team for understanding environmental and end-of-life impacts

NatureWorks Role

- The Incredisoil journey began in late 2017.
- Mercedes Benz Stadium (MBS) sought waste diversion solutions:
 - June 2018 Green Sports Alliance Summit and “Zero Waste Goals”
 - Its own future use of certified compostable food serviceware:
 - Results in two (2) streams comprised of food and certified compostable serviceware waste
 - A perfect blend for Commercial Compost
- MBS leadership (Scott Jenkins) and NatureWorks lead a Zero Waste team
 - Incredisoil was a key contributor to success!



- Fast forward
2018 Green Sports Alliance Summit (ATL)

A Successful Team Effort – “Twitter based!”



Team (MBS, Incredisoil, EcoProducts, Levi, NatureWorks and others)

Success defined as -

- 2018 GSA Summit “Zero Waste Success (i.e. 99% diversion)”
- Establishes the future GSA Summit “bar”
- Positions “waste diversion best practices” at the Mercedes Benz Stadium
- Introduces Incredisoil to Georgia – and the “World!”

COWART



OVERVIEW

EPA STATISTICS and FIGURES

- 38.4 million tons of food waste generated
- 29.3 million tons of food waste went to landfill
- 76.3% of all food waste went to landfill
- 21.7% of all material going to landfill is food waste



FOOD WASTE:

THE SINGLE LARGEST MATERIAL SENT TO LANDFILLS



EVERYONE AGREES:

- We don't need more landfills
- We must reduce the amount of material going to existing landfills



HISTORY:

- 1987 – Tree Service
- 1998 – Mulch Manufacturing
- 2010 – Soil Manufacturing

MANUFACTURING:

- Mulch
- Soil (compost)
- Bark
- Bagged and Bulk

DISTRUBUTION:

- 65 power units (tractors)
- 200+ trailers
- Southeast – truck & trailer
- Nationwide - railcar



MISSION STATEMENT

Our mission is to lead the green recycling industry in the manufacturing of sustainable landscaping products.





RECYCLING CENTERS



TRANSPORT SURVICES



TREE EXPERTS



CLEARING SERVICES

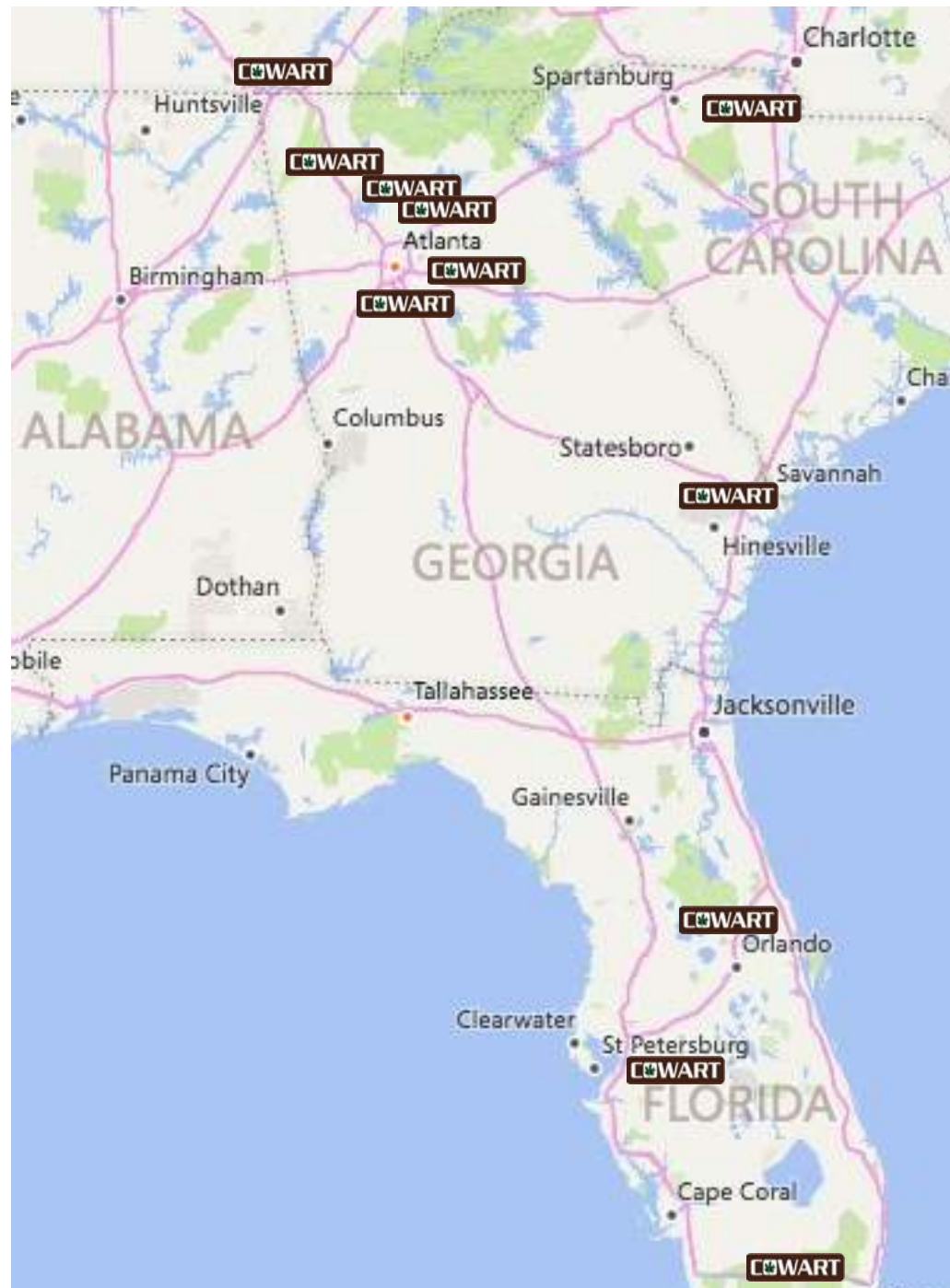


CERTIFIED PLAY SURFACING



LANDSCAPE PRODUCTS





Recycling Centers, Manufacturing, Bagging, Distribution and Logistics.



Chattanooga, TN
Ball Ground, GA
Cumming, GA
Sugar Hill, GA
Auburn, GA
Conley, GA
Orlando, FL
Savannah, GA*
Greenville, SC*
Tampa, FL*
South Florida*

* Locations coming soon





- LEADING EDGE:**
- State of the art technology
 - Computer controlled process
 - Operational footprint includes FL, GA, TN and soon SC
 - Mulch, Compost and Soil Manufacturing



How our products are used



MULCH PRODUCTS



Kid-Safe™

Playground Surfacing Material



Engineered Wood Fiber for playground safety surfacing

An all-natural product made from recycled hardwood. It is free from chemicals and other contaminants that may be harmful to children.

QUALIFICATIONS

ASTM F1292, Impact Attenuation of Surface Systems Under and Around Playground Equipment

ASTM F2075, Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment

ASTM F1951, Determination of Accessibility of Surface Systems Under and Around Playground Equipment

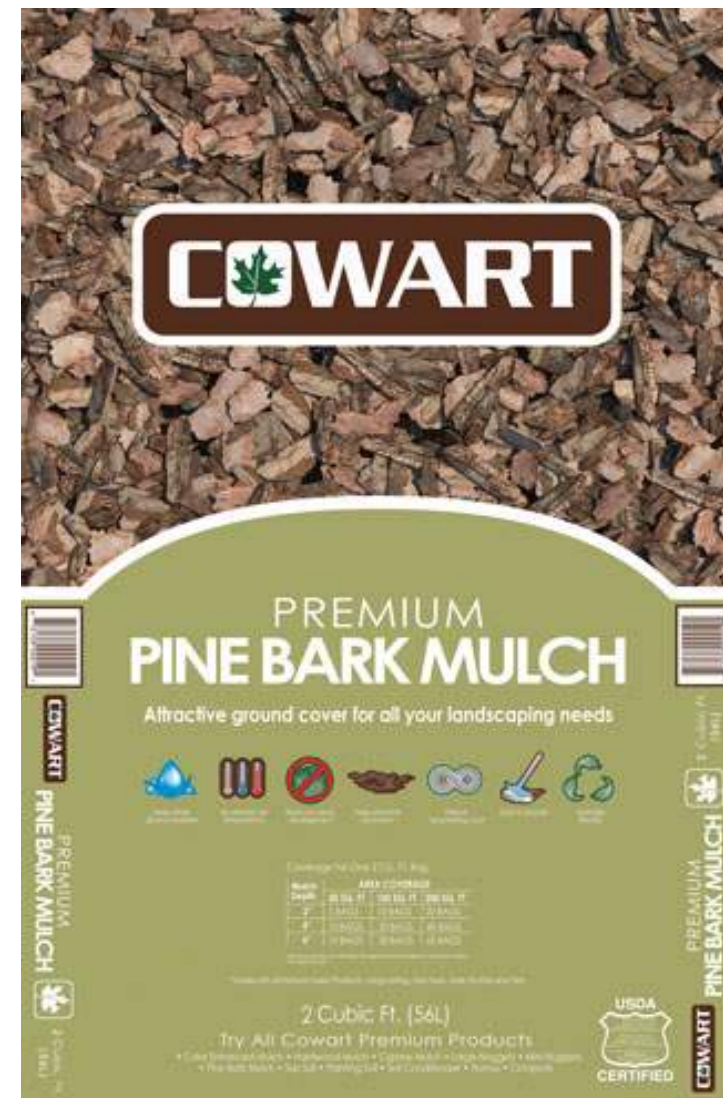
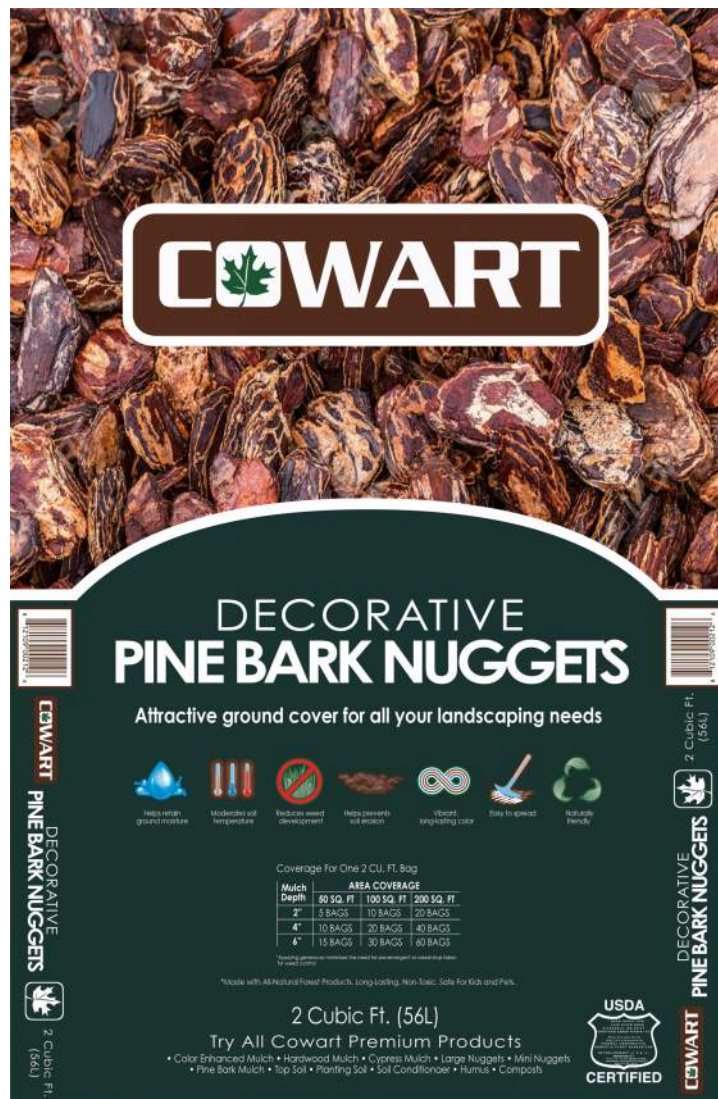
International Play Equipment Manufacturers Association (IPEMA) Certified

American with Disabilities Act (ADA) Guidelines

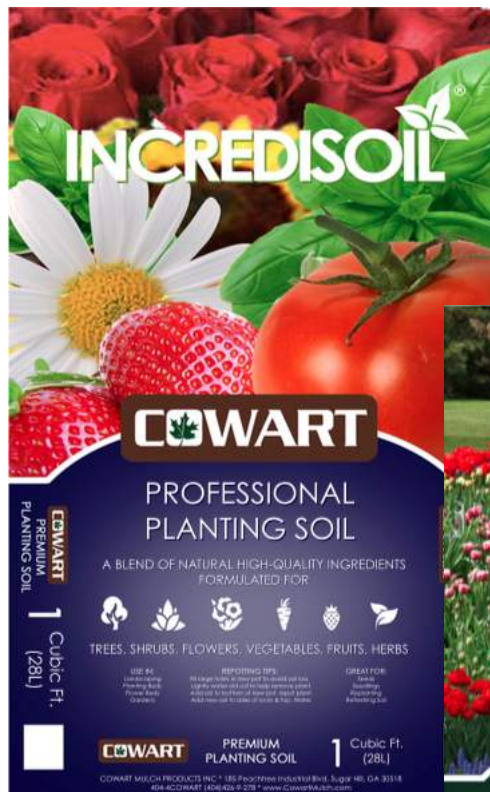
Consumer Product Safety Commission (CPSC) Recommendations



BARK PRODUCTS



SOIL PRODUCTS



THANK YOU



We make fantastic soil and mulch! We have world class manufacturing. Let us become part of your story too!

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NatureWorks Commercial Relevance

- Green Sports Alliance Strategic Partnership Outcomes
 - Our “supply chain” approach (i.e. connecting “partners” that result in a waste diversion solutions!)





Naturally advanced materials made from locally abundant and sustainable natural resources

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