



---

## The Story of Revolution Bag

Levi Osburn

Business Development Analyst

[losburn@deltapl.com](mailto:losburn@deltapl.com)

With the help of our parent company, Delta Plastics of the South, we recycle used, dirty agricultural plastics to produce high-quality can liners which are used by a wide variety of institutions across the nation enabling them to operate in a more sustainable manner, while maintaining cost





- 20+ year old privately held polyethylene film manufacturing and recycling company
- Over 220 million pounds of film manufacturing and 220 million pounds of recycling capabilities per year

- Manufacturing operations in Arkansas, Brazil, California and Texas
- Recycling facilities in Arkansas, California and Texas

## Irrigation



- Polytube offers farmers increased water efficiency for irrigation
- 3 – 5 million acres irrigated annually in the lower Mississippi River Delta
- Corn, soybean, cotton, rice and sugar cane

## Collection



- Fleet of company trucks collects used material from farm sites
- Material is then consolidated throughout local regions
- Over 1 billion pounds collected throughout company history

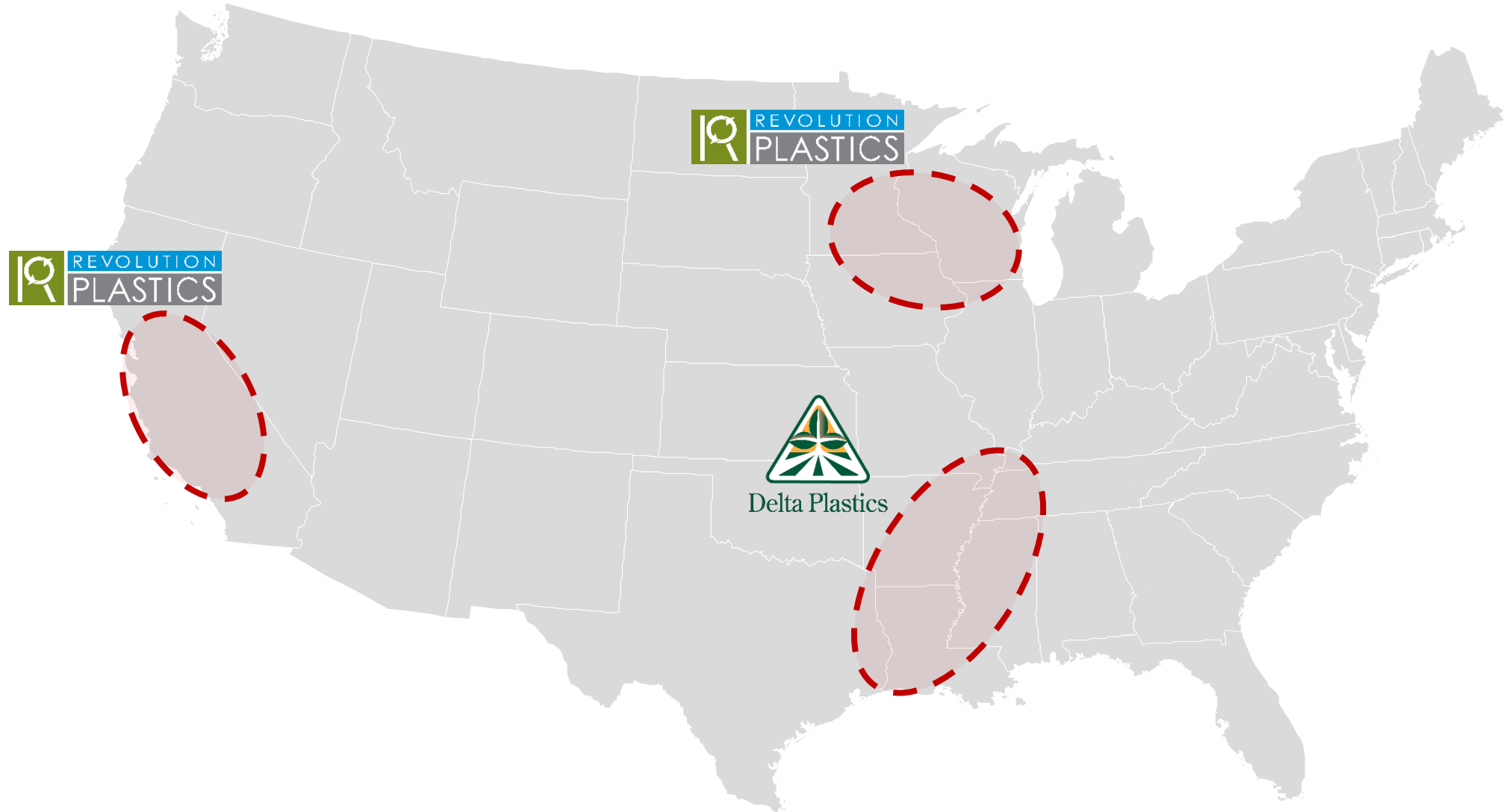
## Recycling



- Material recycled in-house in Stuttgart, AR
- Recycled resin used in closed-loop manufacturing process
- 20+ years of experience using proprietary processes



# Collection Programs Across the US



# Materials We Collect

- Grape/Vine Covers
- Polytube
- Greenhouse Film/Covers
- Silage Wrap/Bags
- Mulch Film
- Drip Tape/Tube



# “Out-loop” Result of Closed-Loop



# A “Revolutionary” Product



## Creating “PCRPro” Resin

- High-quality virgin inputs (*initial source*)
- Consistent feedstock
  - Identification
  - Segregation

## Our Revolution Bag Line

- Performs as well or better than non-recycled can liners
- Maintains competitive pricing to alternatives
- Offers product variation of size, color, gauge, and strength





## 3<sup>rd</sup> Party Certifications



SCS certified

UL ECOLOGO



USGBC LEED

## The results of producing with 70+% PCRPro

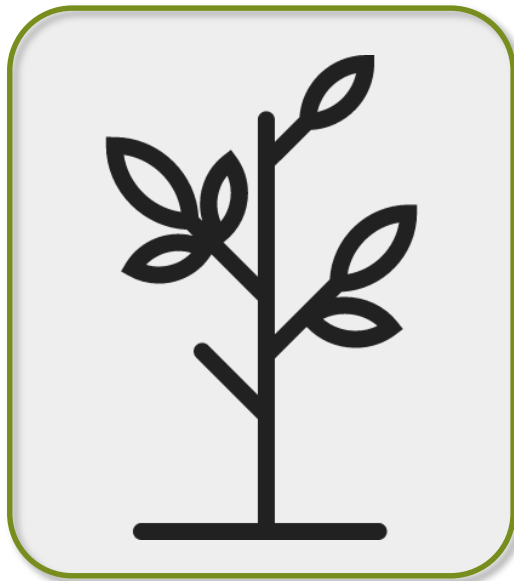
- ✓ 53% less energy consumed
- ✓ Exceed EPA compliance by at least 300%
- ✓ Reduced GHG emissions by 37%



1,000 RevBag Cases Reduce Greenhouse Gas Emissions of CO<sub>2</sub>e by 6.6 Metric Tons

## Which is equivalent to\*:

*\*All emission equivalents are from epa.gov*



*Planting 169 saplings to grow for 10 years*



*Removing a passenger car from the road for 17 months*



*Powering a home for 8 months*

