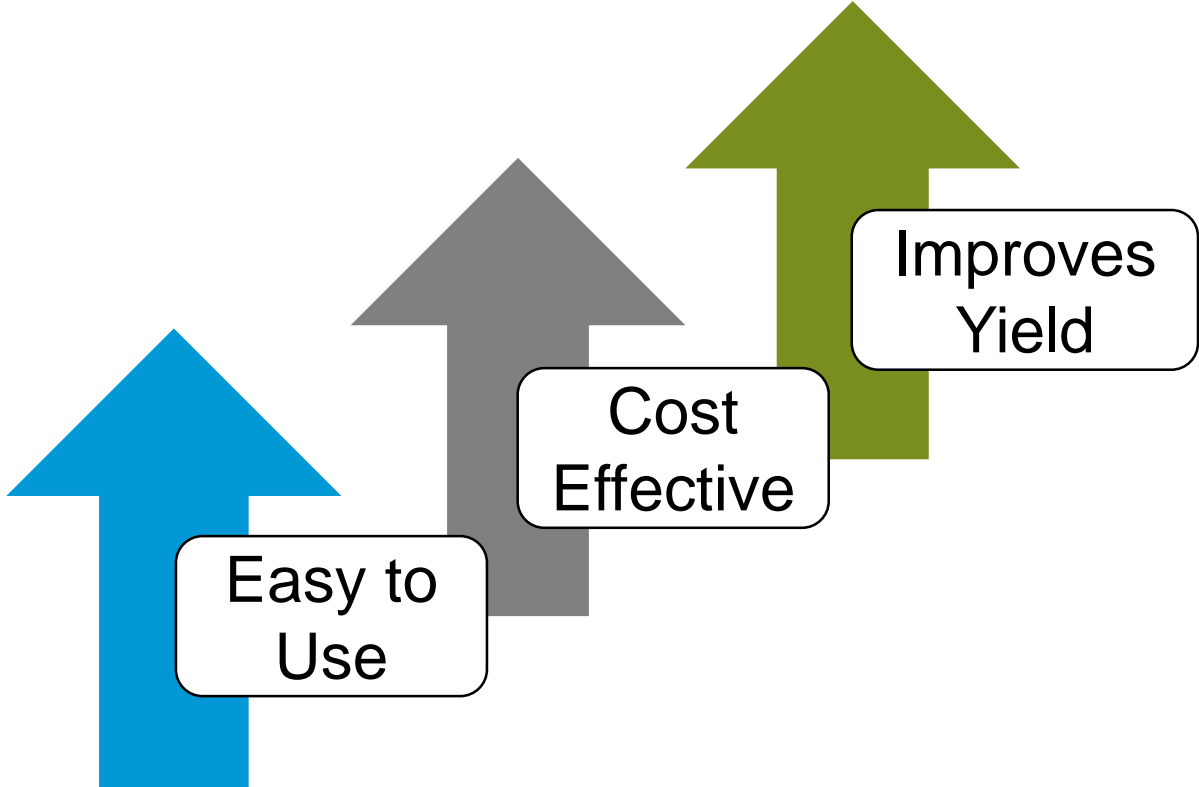


# Making Agricultural Plastics Recycling Possible



Price Murphy, Director of Operations  
Michigan Recycling Conference  
May 2018

## Driving Innovation in Agriculture









- Pond Liners



- Drip irrigation
- Polytube irrigation



- Greenhouse Films



- Boat Films



- Mulch film





## Revolution Plastics

### *Leading the Sustainable Plastic Revolution*

We provide high-value, sustainable solutions through innovative closed-loop systems that preserve our environment for future generations

We take responsibility for our footprint by pairing 220+ million pounds of film manufacturing with 220+ million pounds of recycling capabilities

## On-Farm Collection Model



- Serving 5,000 locations with dumpsters and Recapture Bags
- HQ located in Madison, WI (3 regional collection hubs throughout WI & MN)
- Silage plastics recovered:
  - ✓ Grain bags, silage bags, bale wrap, bunker cover, greenhouse film, boat wrap



### Collections

- 3 collection hubs – 2 in the Central Valley and 1 along the coast

### Sales

- Bender Board
- Grape Film
- Other C&A Sheeting



### Operations

- Regional HQ located in Ballico, CA



## Manufacturing History & Capabilities



- Began in Stuttgart, AR in 1996 with 2 blown-film lines and limited recycling ability
- Now 25 blown-film lines at Little Rock, AR facility (services Polytube & RevBag)
- Recent start-up in Brazil

## Polytube Efficiently Irrigates Crops

- ✓ Conserves water, saves labor, & fuel
- ✓ Replaced annually
- ✓ Low investment cost
- ✓ Predominant crops – rice, corn & soybeans



## Extensive Collection Assets

- ✓ Gathers 120mm+ LBS annually from farms across the Mississippi Delta



## Recycling – Stuttgart, AR

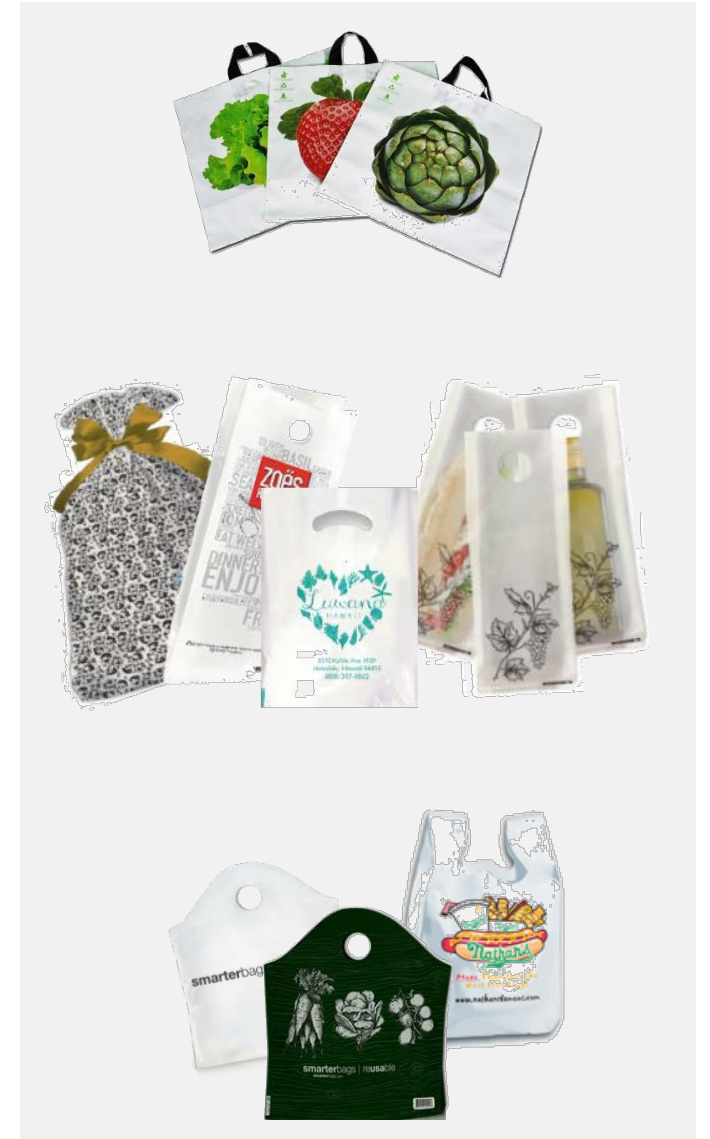
- 20+ years operating experience
- Resins created are reused in polytube, bag and sheeting products





Vernon, CA

- Long-term relationships with 30% of the top 100 **restaurant** chains in North America (4 of the top 10)



Salinas, CA

- Optimal location within the large Californian ag plastic market
- Strategic ties and agreements with largest growers





- Diverse manufacturing capabilities
- Mesquite, Texas operations

## Serving Several Major End Markets

### Construction

- Wide range of construction film
- Contractor bags and drum liners

### Environmental

- Environmental abatement film
- Clean-up bags

### Specialty and Packaging

- Industrial / manufacturer specialty
- Covers and liners
- Other specialty bags

## New Sustainability Driven Product Lines with High Degree of Post-consumer Content

- Construction sheeting product line certified as a National Green Build Certified
- Contractor bags for retail and contractor





- First company to provide complete line of high-performance EPA-compliant LEED trash can liners made primarily of recycled materials
- Internally-produced PCR constitutes over 70% of production inputs
- Predominantly sold via 3<sup>rd</sup> party brokers through distribution
- Performs as well or better than non-recycled can liners
- Maintains competitive pricing to alternatives while offering variations of size, color, gauge, and strength



A COMPLETE  
REVOLUTION.



## # 1 – Producers that are interested in recycling





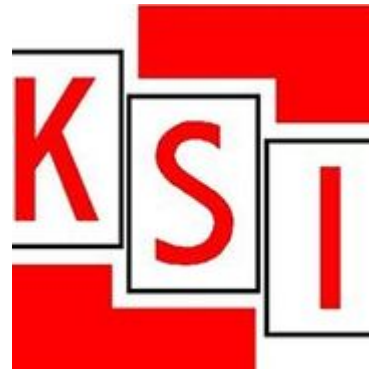
## # 2 – Significant Volume of Plastic



## # 3 – Consumers willing to purchase recycled content material

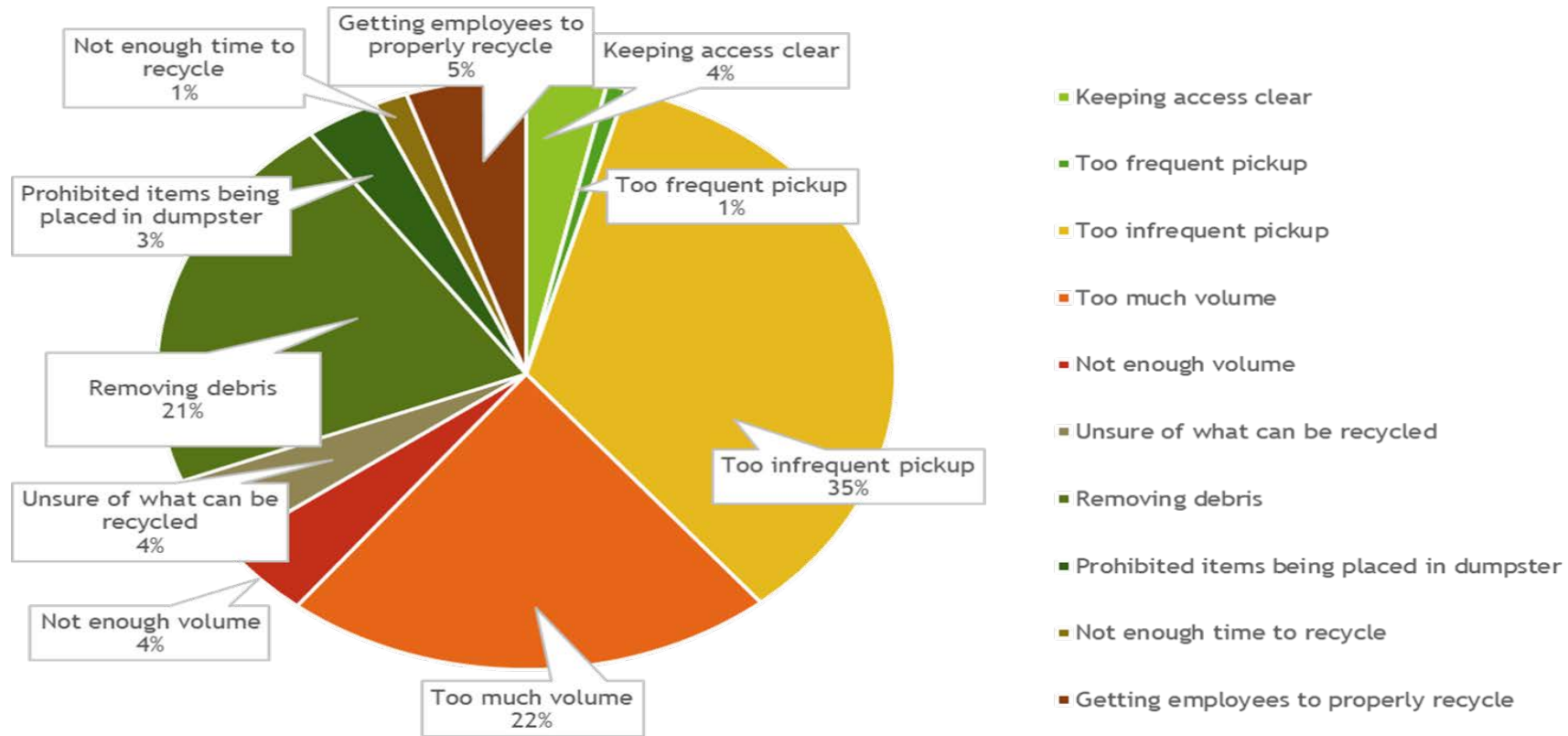


## # 4 – Support/Outreach





## # 5 – Education



# Key Contributors - Successful Collection Program

## # 6 – Ongoing Funding



- Revolution Plastics is interested in partnering with the state to bring ag plastic recycling options to Michigan
- We believe the right 1<sup>st</sup> step is to implement a Recapture Bag program in key ag regions of the state
- We believe with the right support and key partnerships Revolution Plastics can help Michigan recycle over 1M pounds of ag plastics in the next 12 months





# Thank You



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