

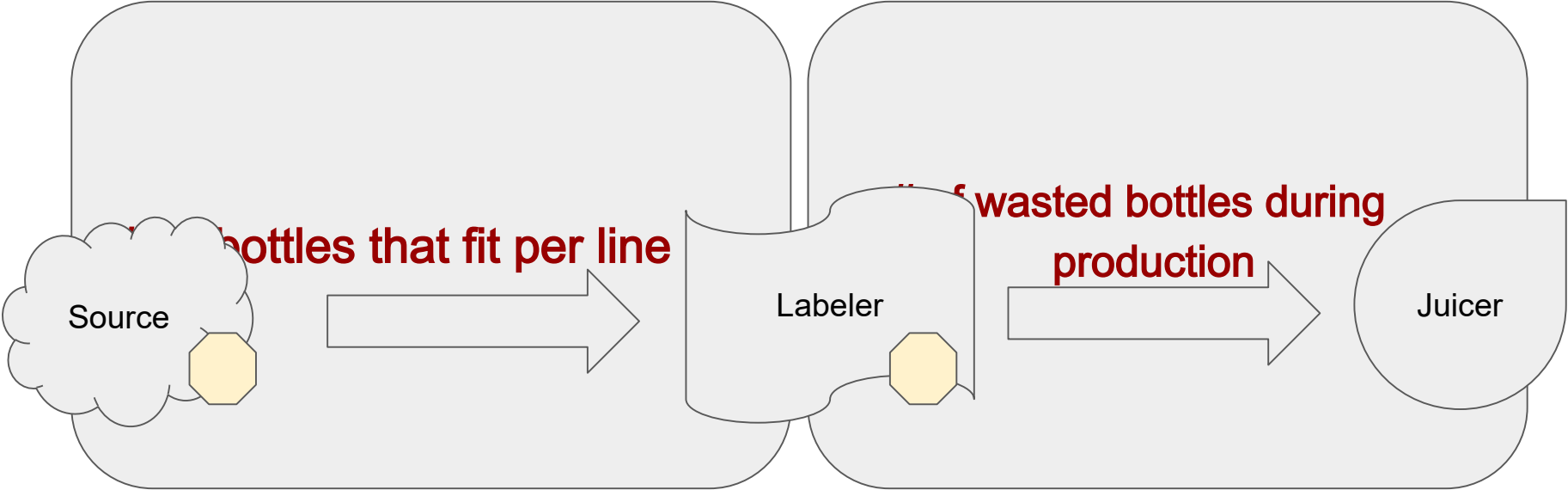
Harvest Hill Beverage Company: Background

- Harvest Hill Beverage Company is a beverage manufacturer based in Stamford, CT
- The Sherman, TX plant is dedicated to producing Sunny Delight and is the most cost-effective of the Harvest Hill plants
- COVID-19 has caused their demand to increase ~40%



Harvest Hill Beverage Company: Problem

Bottle Cutoff; When to stop adding bottles



Harvest Hill Beverage Company: Solution

- **Multiple Approaches**
 - Sheer Volume
 - Square Foot
 - Combination
- **Average Waste Reduction of 1.11% per batch**
 - Around 97 batches per day

Bottle Type	Our Liter Cutoff	Their Liter Cutoff	Waste Reduction
40 oz	351.30	700	348.70
64 oz	500.35	900	399.65
128 oz	754.40	1300	545.60
10 oz	251.53	450	198.47
16 oz	372.70	550	177.30
200 ml	191.39	250	58.61
333 ml	303.81	350	46.19

