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Outstanding Undergraduate Research in Food Distribution and Marketing**

**Waste Not, Hunger Not: The Logistical Solution.  
Bringing Smallholder Farmers to the Market using  
Third-Party Logistics Providers**

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**Abstract**

Currently, one third of the world's food is wasted. The majority of food loss in developing countries occurs in the production and handling stages due to inefficient distribution systems. In Malawi, intermediate buyers have an oligopoly in the market which often forces farmers to sell at harvest for a reduced price. On-farm storage is limited for smallholder farmers who do not have economies of scale to build appropriate storage facilities. By infusing new competition from third-party logistics providers (3PLs), food waste will be reduced by relocating the commodities to centralized storage and smallholder farmers will earn higher incomes.

**Keywords:** reducing food waste, distribution efficiency, centralized storage

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