

ECO-TAKEOUTS CALCULATOR

DISPOSABLES SYSTEM ANNUAL COST	
# of Disposable Units Purchased Annually	
Price Per Unit	
External Costs (landfill, labor)	
Total Cost	\$ -
ECO-TAKEOUT SYSTEM - Initial Cost	
Initial Units Purchased	
Price Per Unit	
Total Cost	\$ -
ECO-TAKEOUT SYSTEM - 1st Year Savings	
Initial Investment Cost	\$ -
External Costs (dishwashing, labor)*	
Disposables Cost (estimated at 50%) *	\$ -
Total Sales (if sold to population)	\$ -
Net Cost	\$ -
Savings Compared to Disposables System	\$ -
ECO-TAKEOUT SYSTEM - 2nd Year Savings	
Replacement Costs (estimated at 5% of total)	\$ -
External Costs (dishwashing, labor)*	
Disposables Cost (estimated at 30%)*	\$ -
Net Cost	\$ -
Savings Compared to Disposables System	\$ -
ECO-TAKEOUT SYSTEM - 3rd Year Savings	
Replacement Costs (estimated at 5% of total)	\$ -
External Costs (dishwashing, labor)*	
Disposables Cost (estimated at 10%)*	\$ -
Net Cost	\$ -
Savings Compared to Disposables System	\$ -

* The labor and dishwashing costs vary by account. Typically, the reusable system utilizes existing labor so there are no additional costs in this area. The dishwashing cost should be considered but it will be a small fraction of the total cost of washing dishes each year. To get an estimate, the dishwashing cost can be calculated by dividing the number of Eco-Takeouts purchased by the dishwasher capacity. Multiply this number by the usual cost of washing a load. Then, multiply this cost by the expected daily rate of Eco-Takeouts usage. In non-peak times, there may be no additional costs since Eco-Takeouts can simply be added to half-filled dishwashing loads.

*In the first year, the reusable system will typically reduce disposables usage by 50%. Each year, thereafter, the rate of participation in the reusable system will increase and the total funds spent on disposables will decrease. In as little as three years, disposables usage can be phased out almost entirely, yielding significant annual savings.

SAMPLE ECO-TAKEOUTS CALCULATION

DISPOSABLES SYSTEM ANNUAL COST	
# of Disposable Units Purchased Annually	50,000
Price Per Unit	\$ 0.15
External Costs (landfill, labor)	1,000
Total Cost	\$ 8,500.00
ECO-TAKEOUT SYSTEM - Initial Cost	
Initial Units Purchased	1,000
Price Per Unit	\$ 4.00
Total Cost	\$ 4,000.00
ECO-TAKEOUT SYSTEM - 1st Year Savings	
Initial Investment Cost	\$ 4,000.00
External Costs (dishwashing, labor)*	
Disposables Cost (estimated at 50%) *	\$ 4,250.00
Total Sales (if sold to population)	\$ 4,000.00
Net Cost	\$ 4,250.00
Savings Compared to Disposables System	\$ 4,250.00
ECO-TAKEOUT SYSTEM - 2nd Year Savings	
Replacement Costs (estimated at 5% of total)	\$ 200.00
External Costs (dishwashing, labor)*	
Disposables Cost (estimated at 30%)*	\$ 2,550.00
Net Cost	\$ 2,750.00
Savings Compared to Disposables System	\$ 5,750.00
ECO-TAKEOUT SYSTEM - 3rd Year Savings	
Replacement Costs (estimated at 5% of total)	\$ 200.00
External Costs (dishwashing, labor)*	
Disposable Cost (estimated at 10%)*	\$ 850.00
Net Cost	\$ 1,050.00
Savings Compared to Disposables System	\$ 7,450.00

* The labor and dishwashing costs vary by account. Typically, the reusable system utilizes existing labor so there are no additional costs in this area. The dishwashing cost should be considered but it will be a small fraction of the total cost of washing dishes each year. To get an estimate, the dishwashing cost can be calculated by dividing the number of Eco-Takeouts purchased by the dishwasher capacity. Multiply this number by the usual cost of washing a load. Then, multiply this cost by the expected daily rate of Eco-Takeouts usage. In non-peak times, there may be no additional costs since Eco-Takeouts can simply be added to half-filled dishwashing loads.

*In the first year, the reusable system will typically reduce disposables usage by 50%. Each year, thereafter, the rate of participation in the reusable system will increase and the total funds spent on disposables will decrease. In as little as three years, disposables usage can be phased out almost entirely, yielding significant annual savings.