

# Increase Profitability From The Ground Up.

## Greenfield Biodiesel Installations From Crown.

### Crown's Proven Technology Improves Your Bottom Line.

Realize greater efficiencies and sustainability in your greenfield biodiesel plant when you partner with Crown. Backed by our expertise in biodiesel processing, Crown's superior technology and track record of engineered process solutions allow biodiesel manufacturers to significantly outperform industry standards for energy efficiency and reliability. Achieve the lowest cost of ownership for your biodiesel plant by breaking ground with Crown.

### Better Performance, By The Numbers

Benching marking over two dozen of Crown's biodiesel greenfield installations against the industry standards of Iowa State University's Biodiesel Profitability Data, Crown emerges as the clear winner. Which means you will, too.

### Biodiesel Plant Size: 60,000,000 GPY

	Industry Standard	Crown with ACRE Technology	Cost	Annual Savings
Glycerine	.9	.9 lbs/gal biodiesel	-	-
Methanol	.71	.75* lbs/gal biodiesel	.20 \$/lb	(\$528,000)
Natural Gas	7	1.5 cub ft/gal biodiesel	5.4 \$/1000 cu ft	\$1,754,328
Separator Electricity	.02	0 kwh/gal biodiesel	.05 \$/kwh	\$56,700
Water	2	.26 gal/gal biodiesel	.0035 \$/gal	\$364,770
30% Catalyst	.21	.13 lbs/gal biodiesel	.45 \$/lb	\$2,282,630
HCl	.12	.07 lbs/gal biodiesel	.07 \$/lb	\$197,578
Run Days	345	352	.43 \$/gal GM	\$494,795
Spare Parts				\$60,000

\*Because of less catalyst usage

**Total Annual Savings: \$4,682,801**



### New Global Innovation Center

Our state-of-the-art Global Innovation Center features a 15,000 square-foot, fully functional plant, training facilities and analytical lab. Here, customers in the oilseed, refining, biofuels, plant-based proteins and other specialty extraction industries can access real-world capabilities in a confidential, controlled environment to develop and test product and process feasibility, run benchtop scale to custom processing, commercialize and train staff. Combined with Crown's technical expertise, guidance and proven technologies, the Innovation Center enables customers to optimize efficiencies of current operations and bring new products to market faster and more sustainably with less risk.

**Build a Biodiesel Plant Designed to Improve Your Bottom Line.  
Choose Crown for your Greenfield Biodiesel Installation.**

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