

# Business Modeling/Planning for Commercial Algae Production

## Inputs:

2/4 acre cost data

Land cost \$1K/ac (becomes driver at \$3K)

Learning curve + Bottom Up Scaling

Commodity pricing sale of protein and lipids

Residual biomass burned to produce electricity

## Results:

Breakeven – 400 acres

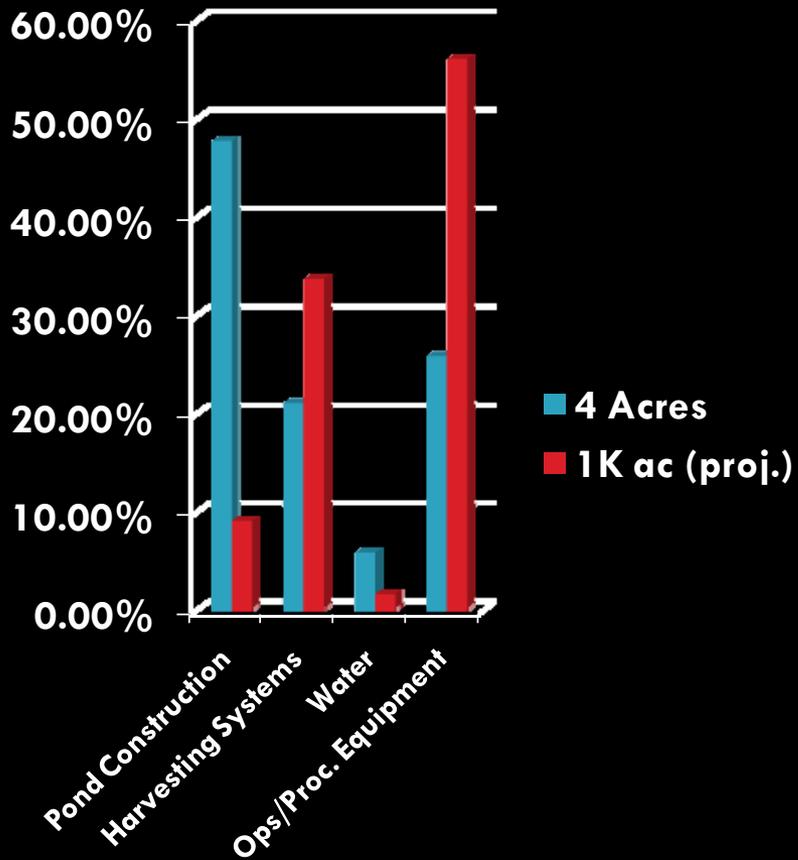
High ROI, Profitability, IRR at 1000 acres

Cost of production 60% capital, 40% operations

Capital costs driven by harvest/processing equipment costs

Operations costs driven by pond maintenance and processing

## Capital Investment Costs



## Operations Costs

