



Savings compared to similar sized ethanol
processing:

\$1,200,000
per year

More Info





Return on Investment ROI • Aqueous Extraction System

InfinitySupercritical.com and sonicextractor.com

Eco Extraction System

Industrial System Using

SDR2000

Starting At: \$2,250,000

Botanical Name	Price Per Pound	\$18 / lb x	2,400 lbs = Cost Per Day	\$43,200
Botanical Flower			72,000 lbs = Cost Per Month	\$1,296,000
Farmer Production Costs			876,000 lbs = Cost Per Year	\$15,768,000

Extract	Grams Extracted	Sell Price (Gram)	Gross Revenue Sales
Full Spectrum Oil	87,168 grams (Day)	\$1.50	Gross Sales \$130,752 (Day)
	2,615,040 grams (Month)	\$1.50	Gross Sales \$3,922,560 (Month)
	31,816,320 grams (Year)	\$1.50	Gross Sales \$47,724,480 (Year)

Production Data Eco Extraction System Total Equipment Cost Delivered (est): **\$2,250,000**

Extraction Processing Data		Total Run Time Per Day (Hours)	
Input Pounds Per Cycle	100 = 45,400 grams	Total Run Time Per Day (Hours)	24
Cycle Run Time (Hours)	1	Input Hemp (lbs)	2,400 x \$18 = \$43,200
Machine Prep Time (Hours)	0	Average Oil Yield Percent Shown on COA %	8
Total Cycle Time (Hours)	1	Yield Per Cycle (Grams)	3,632
Cycles Per 24 Hour Day	24	Yield Per Hour (Gram/Hour)	3,632
		Production (Grams Per Day)	87,168

SDR Water Extraction Running Costs
Production Costs and Consumables | Work Shift Hours: 24

Workers:	3 x \$25.00 / (Hour) x 24 Hours/Day = Labor Cost / Day	\$1,800
Power:	300 kWh Used x \$0.15 \$/kWh x 24 Hours/Day = Power Cost / Day	\$1,080
TBO:	\$5,000 Maint / 200 Hour Interval x 24 Hours/Day = Maintenance Cost / Day	\$600

1. SDR for dried botanical flower input botanical.
2. Produces a botanical crude oil extract, termed full spectrum oil or FSO.
3. Does not include any facility costs, material handling, storage, package costs, or other overhead.
4. This system produces large amounts of full spectrum oil. You need to have buyers of FSO extract to realize the ROI. This example is for full spectrum oil sales.
5. Consider building your own brand of Eco Water Extracted oil. Aqueous extraction.
Published on: 9/29/2019

Total Operational Cost Per Day	\$3,480
2,400 lbs hemp = Cost Per Day	\$43,200
Net Income Per Day	\$84,072
Net Income Per Year (365 days)	\$30,686,280
Payback Return on Investment ROI in Days Average yield percent based on experienced operator and with verified tested botanical oil content.	26.76