

FD Cycle	Cost \$			Hours			Energy Used (KWH)			Price per KiloWatt hour	\$0.10	Efficiency:	Cost \$ / lb			Hours / lb			Energy (KWH) / lb		
	5-tray	4-tray	3-tray	5-tray	4-tray	3-tray	5-tray	4-tray	3-tray				5-tray	4-tray	3-tray	5-tray	4-tray	3-tray	5-tray	4-tray	3-tray
Freezing	\$0.44	\$0.26	\$0.22	8.98	8.98	8.98	4.35	2.61	2.20	5-tray	0.0084	\$/lb/hour	\$0.05	\$0.05	\$0.09	1.00	1.65	3.64	0.48	0.48	0.89
Drying	\$1.53	\$0.98	\$1.17	16.93	12.90	20.38	15.32	9.75	11.70	4-tray	0.0105	\$/lb/hour	\$0.17	\$0.18	\$0.47	1.89	2.37	8.27	1.71	1.79	4.75
Final Dry	\$0.82	\$0.64	\$0.52	10.02	9.55	9.00	8.18	6.43	5.22	3-tray	0.0194	\$/lb/hour	\$0.09	\$0.12	\$0.21	1.12	1.76	3.65	0.91	1.18	2.12
Defrost	\$0.06	\$0.03	\$0.02	2.00	2.00	2.08	0.61	0.32	0.23				\$0.01	\$0.01	\$0.01	0.22	0.37	0.85	0.07	0.06	0.09
													\$0.32	\$0.35	\$0.78	4.22	6.15	16.41	3.17	3.52	7.85
5-tray Total	\$2.85			37 Hr 55.8 Min			28.46 KWH		8.98	lbs. processed			\$0.32	0.237	11%	123%		46%	167%		
4-tray Total	\$1.91			33 Hr 25.8 Min			19.11 KWH		5.44	lbs. processed			\$0.35	0.163							
3-tray Total	\$1.94			40 Hr 27 Min			19.35 KWH		2.47	lbs. processed			\$0.78	0.061							

	L	M	S
lbs in one year:	2023	1389	521
\$:	\$641	\$488	\$409





