

Cost model

Consumer products

Developed various cost models and integrated them with sales and volumes information to provide insights into SKU-level profitability for the products

Consumer products company should keep a pulse on its financial health

Picture this...

You're looking to evaluate the key drivers that impact SKU-level profitability and generate weekly/monthly reports to track financial performance variance vs. actuals. Currently, you have a wide range of successful products and experiencing rapid growth but have high 'wastage' and lack of detailed understanding of SKU-level profitability.

You turn to Accordion.

We partner with your team to develop various cost models and integrated them with sales and volumes information to provide insights into SKU-level profitability for the products, including:

- 1) Working closely with sales, supply chain and plant teams to generate Annual Operations Plans (AOP) each year
- 2) Creating a detailed costing model to generate SKU-level P&L statement based on material costs (using BOM, volumes and material prices) and other costs (labor, freight, wastage, overhead, depreciation etc.)
- 3) Generating dynamic weekly reports to track the waste generated (raw material & finished goods) from each of the sources (process, sales, distribution etc.). Generated plant-specific variable cost forecasts based on YTD performance and planned volumes
- 4) Creating a model to quantify the variance in actuals and the Annual Operations Plan due the cost drivers (volume, price, mix etc.)
- 5) Developing a dynamic New Product Costing model to estimate manufacturing & supply chain costs for yet to be launched SKUs, based on the material to be used"

Your value is enhanced.

- You have the costing models, and the monthly/weekly reports to identify and leverage various cost and portfolio rationalization opportunities to improve margins, each year
- · You have the pricing model and historic operations reports to help devise and implement a robust operating plan each year

SKU LEVEL COSTING AND PROFITABILITY

KEY RESULT

- Impact 1...
- Impact 2...

VALUE LEVERS PULLED

- Lever 1
- Lever 2
- Lever 3

COST MODEL

3

SKU level costing and profitability

Situation

- · Company had a wide range of successful products and experienced rapid growth, but had high 'wastage' and lack of detailed understanding of SKU-level profitability
- Partnered with the company on a long-term basis to closely work with the Supply Chain and Plant teams, to evaluate the key drivers that impact SKU-level profitability and generate weekly/monthly reports to track financial performance

Accordion Value Add

- Worked closely with Sales, Supply Chain and Plant teams to generate Annual Operations Plans (AOP) each year for the company
- Created a detailed costing model to generate SKU-level P&L statement based on material costs (using BOM, volumes and material prices) and other costs (labor, freight, wastage, overhead, depreciation etc.)
- Generated dynamic weekly reports to track the waste generated (raw material & finished goods) from each of the sources (process, sales, distribution etc.). Generated plant-specific variable cost forecasts based on YTD performance and planned volumes
- Created a model to quantify the variance in actuals and the Annual Operations Plan due the cost drivers (volume, price, mix etc.)
- Developed a dynamic New Product Costing model to estimate manufacturing & supply chain costs for yet to be launched SKUs, based on the material to be used"

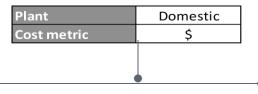
Impact

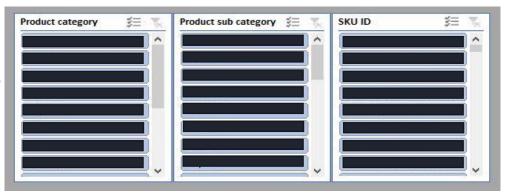
- The costing models and the monthly/weekly reports help the company identify and leverage various cost and portfolio rationalization opportunities to improve margins, each year
- The pricing model and historic operations reports help the company devise and implement a robust operating plan each year

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Manufacturing cost analysis and margins forecasting

User can select the product category, manufacturing facility, cost metric to evaluate





Cost is broken down to a granular level to identify cost drivers

Costs are calculated based on the manufacturing facility's operations data

SKU level profitability is estimated based on the sales price and calculated COGS

P&L for Domestic Plant in 000's													
Tarra Bonnester Hate III 000 3	Act an						Forecast						
P&Litems	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep	Oct	Nov	Dec	Jan - Dec
Net Ingredient - 1 Total		\$21,000	\$15,245	\$12,456	\$10,534	\$13,185	\$10,723	\$12,439	\$17,463	\$13,518	\$12,709	\$14,707	_======================================
Ingredient - 2 Standard	\$8,071	\$9,928	\$11,304	\$10,085	\$9,004	\$12,173	\$9,251	\$10,606	\$14,133	\$10,157	\$9,480	\$11,206	
Ingredient - 2 PPV	(\$337)	(\$410)	(\$364)	(\$340)	(\$311)	(\$421)	(\$319)	(\$307)	(\$406)	(\$304)	(\$278)	(\$328)	
Ingredient - 2 Waste	(\$78)	(\$483)	\$284	(\$70)	(\$65)	\$154	\$387	\$0	\$0	\$0	\$0	\$0	
Ingredient - 2 Cost	\$7,657	\$9,036	\$11,224	\$9,675	\$8,628	\$11,906	\$9,318	\$10,299	\$13,727	\$9,853	\$9,201	\$10,879	
Ingredient - 2 Mfg. Variance	\$555	\$317	\$438	\$360	\$450	\$599	\$722	\$477	\$624	\$476	\$444	\$530	
Ingredient - 2 Waste	\$34	\$39	\$116	\$70	\$23	\$167	\$22	\$59	\$80	\$54	\$50	\$61	
Total Ingredient - 2	\$8,246	\$9,392	\$11,778	\$10,106	\$9,101	\$12,671	\$10,062	\$10,835	\$14,431	\$10,384	\$9,695	\$11,470	
Total Ingredient - 3	\$1,521	\$1,918	\$2,640	\$2,264	\$2,072	\$2,680	\$1,985	\$2,247	\$2,997	\$2,211	\$1,944	\$2,259	
Total Packaging	\$8,246	\$8,756	\$11,221	\$9,727	\$9,729	\$12,626	\$9,948	\$10,866	\$14,465	\$10,483	\$9,796	\$11,557	
Total Other	\$593	\$909	\$926	\$686	\$751	\$908	\$944	\$0	\$0	\$0	\$0	\$0	-81::18
Total FG Waste	\$283	\$82	\$641	\$207	\$102	\$141	\$383	\$370	\$516	\$382	\$360	\$423	
Materials Total	\$29,215	\$35,123	\$42,451	\$35,445	\$32,290	\$42,211	\$34,045	\$36,757	\$49,872	\$36,977	\$34,503	\$40,416	
In-bound Freight	\$1,186	\$1,263	\$1,516	\$1,315	\$1,257	\$1,777	\$1,604	\$1,475	\$1,966	\$1,408	\$1,297	\$1,532	
W&DCost	\$7,136	\$7,940	\$9,322	\$8,946	\$8,558	\$10,944	\$9,204	\$9,257	\$12,247	\$9,293	\$9,029	\$10,787	
Direct Labor	\$4,203	\$4,266	\$4,749	\$4,362	\$4,184	\$5,785	\$4,663	\$5,175	\$7,006	\$4,689	\$4,382	\$5,200	
Variable Cost	\$41,740	\$48,592	\$58,038	\$50,068	\$46,289	\$60,718	\$49,517	\$52,663	\$71,091	\$52,362	\$49,211	\$57,935	
Other Variable Cost	\$95	\$73	\$483	\$34	\$32	\$74	\$38	\$0	\$0	\$0	\$0	\$0	
Total Variable Cost	\$41,835	\$48,665	\$58,521	\$50,102	\$46,321	\$60,791	\$49,555	\$52,663	\$71,091	\$52,362	\$49,211	\$57,935	
Variable Margin	\$47,167	\$46,747	\$59,556	\$61,675	\$54,949	\$72,029	\$54,504	\$59,154	\$77,641	\$58,869	\$54,507	\$65,794	
Variable Margin%	53%	49%	50%	55%	54%	54%	52%	53%	52%	53%	53%	53%	u
Total Fixed Cost	\$17,468	\$17,331	\$18,506	\$19,181	\$18,923	\$21,412	\$18,619	\$20,480	\$27,265	\$19,537	\$18,130	\$21,390	
Total COGS - excluding all adjustm	\$59,303	\$65,997	\$77,027	\$69,283	\$65,245	\$82,203	\$68,174	\$73,143	\$98,356	\$71,899	\$67,341	\$79,324	
DN prices	\$89,002	\$95,412	\$118,076	\$111,777	\$101,270	\$132,820	\$104,060	\$111,817	\$148,732	\$111,232	\$103,718	\$123,728	and the last
Net Margin	\$29,699	\$29,416	\$41,049	\$42,494	\$36,025	\$50,618	\$35,886	\$38,675	\$50,375	\$39,333	\$36,377	\$44,404	
NET Margin %	33%	31%	35%	38%	36%	38%	34%	35%	34%	35%	35%	36%	
Volumes(lbs.)	45,024,032	50,841,882	60,720,661	56,024,406	52,400,770	69,060,863	53,623,121	58,078,251	76,966,698	55,972,846	52,493,773	61,853,360	
Volume (Cases)	8,752,846	9,990,227	12,142,011	11,296,589	10,380,992	13,568,500	10,695,525	11,591,466	15,445,363	11,160,949	10,373,347	12,280,828	

Detailed visibility in to cost of wastage at SKU level

Waste is broken down by source to identify any spikes

Waste is calculated based on data from the plant, distribution and sales teams

Raw Material Waste (\$)	Jun Y	TD :	L3 Wk Avg	Wk 18	Wk 19	Wk 20	Wk 21	Wk 22	Wk 23	Wk 24	Wk 25	Wk 26	Wk 27	Wk 28	Wk 29	Wk 30
Plant 1 - RM Waste	\$651,825	\$4,058,649	\$122,351	\$122,142	\$127,693	\$93,011	\$118,429	\$126,848	\$140,464	\$141,932	\$110,614	\$131,968	\$119,155	\$118,620	\$120,135	\$119,559
Plant 2 - RM Waste	\$112,501	\$1,159,511	\$34,455	\$3,775	\$48,948	\$42,010	\$74,277	\$15,656	\$2,167	\$32,926	\$16,222	\$45,530	\$44,631	\$38,525	\$43,585	\$39,663
Total RM Plant Waste	\$764,326	\$5,218,160	\$156,806	\$125,917	\$176,641	\$135,021	\$192,705	\$142,504	\$142,631	\$174,858	\$126,836	\$177,498	\$163,786	\$157,145	\$163,719	\$159,222
Plant 1 - Distribution & Warehouse	\$4,317	\$36,816	\$909	\$2,608	\$1,529	\$79	\$67	\$2,449	\$719	\$682	\$136	\$331	\$173	\$590	\$93	\$2,362
Damaged - Warehouse	\$4,317	\$23,605	\$909	\$2,608	\$1,529	\$79	\$67	\$2,449	\$719	\$682	\$136	\$331	\$173	\$590	\$93	\$2,362
In Transit, Freight, Third Party	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Expired - Rotation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Expired - Planning - Deployment	\$0	\$13,211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
In Process Waste - Transit	\$0_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
plant 2 - Distribution & Warehouse	\$0	\$4,211	\$155	\$0	\$0	\$2,011	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total D&W Waste	\$4,317	\$45,237	\$1,218	\$2,608	\$1,529	\$4,100	\$67	\$2,449	\$719	\$682	\$136	\$331	\$173	\$590	\$93	\$2,362
Plant 1 - S&OP Waste	\$138,786	\$831,702	\$14,309	\$15,330	\$2,219	\$962	\$4,664	\$15,476	\$25,639	\$66,752	\$16,728	\$14,190	\$1,170	\$10,960	\$189	\$11,730
Plant 2 - S&OP Waste	\$36,393	\$253,496	\$3,029	\$0	\$0	\$716	\$0	\$0	\$0	\$0	\$8,781	\$27,611	\$0	\$0	\$0	\$2,264
Total S&OP Waste	\$211,571	\$1,338,695	\$20,366	\$15,330	\$2,219	\$2,395	\$4,664	\$15,476	\$25,639	\$66,752	\$34,291	\$69,413	\$1,170	\$10,960	\$189	\$16,259
Total RM waste	\$980,214	\$6,602,091	\$178,391	\$143,855	\$180,389	\$141,516	\$197,436	\$160,429	\$168,988	\$242,292	\$161,263	\$247,242	\$165,129	\$168,695	\$164,001	\$177,842

Finished Goods Scrap (\$)	Jun	YTD :	13 Wk Avg	Wk 18 V	Vk 19 V	Vk 20	Wk 21	Wk 22	Wk 23	Wk 24 ۱	۷k 25 \	Nk 26 \	۷k 27 ۱	Nk 28	Wk 29	Wk 30
Plant 1 - QUALITY	\$28,774	\$502,621	\$8,951	\$11,338	\$41,781	\$5,655	\$16,639	\$4,374	\$6,216	\$12,467	\$1,209	\$4,508	\$1,099	\$4,088	\$2,777	\$4,213
Plant 1 - EXPIRED	\$0	\$30,888	\$832	\$10,817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plant 1 - OTHER	\$10,517	\$152,461	\$4,304	\$9,207	-\$2,556	\$1,662	\$10,619	\$5,434	-\$3,174	\$2,745	\$349	\$5,164	\$3,824	\$6,812	\$8,044	\$7,826
Total Plant 1 Waste	\$39,291	\$685,970	\$14,087	\$31,361	\$39,225	\$7,317	\$27,258	\$9,808	\$3,041	\$15,212	\$1,558	\$9,672	\$4,923	\$10,900	\$10,821	\$12,039
Plant 2 - QUALITY	\$84,897	\$294,482	\$10,750	\$20,616	\$4,024	\$7,113	\$4,081	\$12,418	\$4,633	\$5,749	\$32,638	\$29,459	\$5,409	\$11,579	\$229	\$1,800
Quality - Y/M	\$14,885	\$108,691	\$3,378	\$19,190	\$0	\$2,427	\$0	\$0	\$0	\$182	\$2,054	\$12,649	\$1,626	\$5,782	\$0	\$0
Quality - Coli	\$4,728	\$8,406	\$509	\$0	\$0	\$1,887	\$0	\$4,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Quality - Formulation	\$16,965	\$34,163	\$1,822	\$0	\$115	\$1,225	\$0	\$185	\$111	\$538	\$49	\$16,081	\$82	\$3,995	\$0	\$1,301
Quality - Texture	\$264	\$1,917	\$27	\$0	\$83	\$0	\$0	\$55	\$57	\$17	\$39	\$95	\$0	\$0	\$0	\$0
Quality - Other	\$6,260	\$54,215	\$1,131	\$1,035	\$922	\$993	\$2,037	\$1,918	\$749	\$399	\$2,564	\$629	\$2,385	\$480	\$229	\$361
Employee & Sample giveaway - QA	\$10,404	\$41,175	\$1,347	\$0	\$2,771	\$215	\$2,044	\$0	\$3,425	\$4,237	\$2,742	\$0	\$852	\$1,220	\$0	\$0
QUALITY Donations	\$31,392	\$45,915	\$2,537	\$392	\$134	\$366	\$0	\$5,533	\$291	\$375	\$25,189	\$4	\$463	\$102	\$0	\$138
Plant 2 - EXPIRED	\$152	\$5,682	\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$152	\$0	\$0	\$0	\$0	\$0	\$0
Plant 2 - OTHER	-\$27,374	\$62,829	-\$16	\$10,621	\$3,769	\$2,059	\$3,686	\$1,756	-\$1,918	-\$717	-\$34,159	\$7,665	\$820	\$1,037	\$2,650	\$2,520
Total Plant 2 Waste	\$57,676	\$362,993	\$10,745	\$31,237	\$7,792	\$9,172	\$7,766	\$14,174	\$2,715	\$5,184	-\$1,521	\$37,125	\$6,230	\$12,616	\$2,879	\$4,320
Plant 1 - Distribution & Warehousing	\$10,551	\$93,082	\$2,141	\$886	\$6,719	\$4,301	\$3,375	\$531	\$5,741	\$3,216	\$782	\$281	\$517	\$173	\$218	\$1,087
Plant 2 - Distribution & Warehousing	\$8,653	\$45,811	\$1,280	\$850	\$790	\$1,514	\$1,294	\$2,598	\$904	\$525	\$4,021	\$604	\$727	\$733	\$1,202	\$881
External Warehouses	\$6,021	-\$9,013	-\$1,645	\$1,309	\$332	\$188	\$1,011	\$1,847	\$35,916	-\$1,724	\$589	-\$30,608	\$132	-\$31,318	\$138	\$799
Total Warehouse & Distribution	\$39,898	\$166,679	\$1,410	\$5,206	\$8,964	\$7,704	\$7,984	\$9,422	\$79,381	\$819	\$10,002	-\$59,727	\$2,234	-\$60,997	\$2,898	\$4,447
Plant 1 - S&OP	\$21,724	\$271,808	\$9,299	\$6,238	\$39,685	\$1,250	\$14,897	\$1,455	\$7,098	\$7,346	\$3,561	\$2,263	\$4,914	\$2,202	\$5,365	\$24,608
Plant 2 - S&OP	\$16,666	\$141,909	\$6,805	\$2,707	\$6,874	\$80	\$3,529	\$955	\$5,944	\$6,154	\$1,930	\$1,683	\$4,809	\$2,684	\$27,314	\$23,802
3PLS - S&OP	\$16,868	\$232,408	\$5,648	\$2,665	\$6,623	\$2,073	\$3,495	\$599	\$5,871	\$6,154	\$2,994	\$1,250	\$3,845	\$2,755	\$8,468	\$26,632
Total S&OP	\$55,258	\$646,125	\$21,752	\$11,610	\$53,182	\$3,403	\$21,922	\$3,009	\$18,914	\$19,653	\$8,485	\$5,196	\$13,568	\$7,641	\$41,146	\$75,043
Total FG Waste	\$192,123	\$1,861,767	\$47,995	\$79,415	\$109,163	\$27,596	\$64,930	\$36,413	\$104,051	\$40,868	\$18,523	-\$7,733	\$26,954	-\$29,840	\$57,744	\$95,848

Waste is reported on on a weekly basis for monitoring

Wk 30

\$120,135 \$119,559

Price-volume-mix impact on variance from budget

YTD

\$651,825

\$4,058,649

13 Wk Avg Wk 18

\$122,351

Wk 19

\$122,142 \$127,693

Raw Material Waste (\$)

Plant 1 - RM Waste

Waste is broken down by source to identify any spikes

\$34,455 \$39,663 Plant 2 - RM Waste \$112,501 \$1,159,511 \$3,775 \$42,010 \$74,277 \$15,656 \$2,167 \$32,926 \$16,222 \$44,631 \$38,525 \$43,585 \$5,218,160 \$156,806 \$125,917 \$176,641 \$135,021 \$192,705 \$142,504 \$142,631 \$174,858 \$163,786 \$157,145 \$163,719 \$159,222 **Total RM Plant Waste** \$126,836 Plant 1 - Distribution & Warehouse \$4,317 \$36,816 \$909 \$2,608 \$79 \$67 \$719 \$173 \$93 \$2,362 \$4,317 \$23,605 \$909 \$2,608 \$1,529 \$79 \$67 \$2,449 \$719 \$682 \$136 \$331 \$173 \$590 \$93 \$2,362 Damaged - Warehouse \$0 \$0 \$0 \$0 In Transit, Freight, Third Party \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Expired - Rotation \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Expired - Planning - Deployment \$13,211 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 In Process Waste - Transit \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 plant 2 - Distribution & Warehouse \$4,211 \$2,011 Total D&W Waste \$4,317 \$45,237 \$1,218 \$2,608 \$4.100 \$67 \$682 \$93 \$2,362 \$1,529 \$2,449 \$719 \$136 \$173 Plant 1 - S&OP Waste \$831,702 \$14,309 \$15,330 \$2,219 \$962 \$4,664 \$1,170 \$10,960 \$189 \$11,730 \$138,786 \$15,476 \$25,639 \$66,752 \$16,728 \$14,190 Plant 2 - S&OP Waste \$253,496 \$3,029 \$0 \$0 \$716 \$0 \$0 \$8,781 \$0 \$0 \$2,264 \$36,393 \$16,259 Total S&OP Waste \$1,338,695 \$20,366 \$15,330 \$2,219 \$4,664 \$25,639 \$66,752 \$34,291 \$1,170 \$10,960 \$189 \$15,476 **Total RM waste** \$6,602,091 \$164,001 \$177,842

Wk 20

\$93,011

Wk 21

\$118,429

Wk 22

\$126,848

Wk 23

\$140,464

Wk 24

\$141,932

Wk 25

Wk 26

\$110,614 \$131,968

Wk 27

Wk 28

\$119,155 \$118,620

Wk 29

Waste is calculated based on data from the plant, distribution and sales teams

Finished Goods Scrap (\$)	Jun	YTD	13 Wk Avg	Wk 18 V	Vk 19	Wk 20	Wk 21	Wk 22	Wk 23	Wk 24 \	۷k 25 \	Nk 26 \	Nk 27 V	۷k 28 ۱	Nk 29	Wk 30
Plant 1 - QUALITY	\$28,774	\$502,621	\$8,951	\$11,338	\$41,781	\$5,655	\$16,639	\$4,374	\$6,216	\$12,467	\$1,209	\$4,508	\$1,099	\$4,088	\$2,777	\$4,213
Plant 1 - EXPIRED	\$0	\$30,888	\$832	\$10,817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plant 1 - OTHER	\$10,517	\$152,461	\$4,304	\$9,207	-\$2,556	\$1,662	\$10,619	\$5,434	-\$3,174	\$2,745	\$349	\$5,164	\$3,824	\$6,812	\$8,044	\$7,826
Total Plant 1 Waste	\$39,291	\$685,970	\$14,087	\$31,361	\$39,225	\$7,317	\$27,258	\$9,808	\$3,041	\$15,212	\$1,558	\$9,672	\$4,923	\$10,900	\$10,821	\$12,039
Plant 2 - QUALITY	\$84,897	\$294,482	\$10,750	\$20,616	\$4,024	\$7,113	\$4,081	\$12,418	\$4,633	\$5,749	\$32,638	\$29,459	\$5,409	\$11,579	\$229	\$1,800
Quality - Y/M	\$14,885	\$108,691	\$3,378	\$19,190	\$0	\$2,427	\$0	\$0	\$0	\$182	\$2,054	\$12,649	\$1,626	\$5,782	\$0	\$0
Quality - Coli	\$4,728	\$8,406	\$509	\$0	\$0	\$1,887	\$0	\$4,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Quality - Formulation	\$16,965	\$34,163	\$1,822	\$0	\$115	\$1,225	\$0	\$185	\$111	\$538	\$49	\$16,081	\$82	\$3,995	\$0	\$1,301
Quality - Texture	\$264	\$1,917	\$27	\$0	\$83	\$0	\$0	\$55	\$57	\$17	\$39	\$95	\$0	\$0	\$0	\$0
Quality - Other	\$6,260	\$54,215	\$1,131	\$1,035	\$922	\$993	\$2,037	\$1,918	\$749	\$399	\$2,564	\$629	\$2,385	\$480	\$229	\$361
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QUALITY Donations	\$31,392	\$45,915	\$2,537	\$392	\$134	\$366	\$0	\$5,533	\$291	\$375	\$25,189	\$4	\$463	\$102	\$0	\$138
Plant 2 - EXPIRED	\$152	\$5,682	\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$152	\$0	\$0	\$0	\$0	\$0	\$0
Plant 2 - OTHER	-\$27,374	\$62,829	-\$16	\$10,621	\$3,769	\$2,059	\$3,686	\$1,756	-\$1,918	-\$717	-\$34,159	\$7,665	\$820	\$1,037	\$2,650	\$2,520
Total Plant 2 Waste	\$57,676	\$362,993	\$10,745	\$31,237	\$7,792	\$9,172	\$7,766	\$14,174	\$2,715	\$5,184	-\$1,521	\$37,125	\$6,230	\$12,616	\$2,879	\$4,320
Plant 1 - Distribution & Warehousing	\$10,551	\$93,082	\$2,141	\$886	\$6,719	\$4,301	\$3,375	\$531	\$5,741	\$3,216	\$782	\$281	\$517	\$173	\$218	\$1,087
Plant 2 - Distribution & Warehousing	\$8,653	\$45,811	\$1,280	\$850	\$790	\$1,514	\$1,294	\$2,598	\$904	\$525	\$4,021	\$604	\$727	\$733	\$1,202	\$881
External Warehouses	\$6,021	-\$9,013	-\$1,645	\$1,309	\$332	\$188	\$1,011	\$1,847	\$35,916	-\$1,724	\$589	-\$30,608	\$132	-\$31,318	\$138	\$799
Total Warehouse & Distribution	\$39,898	\$166,679	\$1,410	\$5,206	\$8,964	\$7,704	\$7,984	\$9,422	\$79,381	\$819	\$10,002	-\$59,727	\$2,234	-\$60,997	\$2,898	\$4,447
Plant 1 - S&OP	\$21,724	\$271,808	\$9,299	\$6,238	\$39,685	\$1,250	\$14,897	\$1,455	\$7,098	\$7,346	\$3,561	\$2,263	\$4,914	\$2,202	\$5,365	\$24,608
Plant 2 - S&OP	\$16,666	\$141,909	\$6,805	\$2,707	\$6,874	\$80	\$3,529	\$955	\$5,944	\$6,154	\$1,930	\$1,683	\$4,809	\$2,684	\$27,314	\$23,802
3PLS - S&OP	\$16,868	\$232,408	\$5,648	\$2,665	\$6,623	\$2,073	\$3,495	\$599	\$5,871	\$6,154	\$2,994	\$1,250	\$3,845	\$2,755	\$8,468	\$26,632
Total S&OP	\$55,258	\$646,125	\$21,752	\$11,610	\$53,182	\$3,403	\$21,922	\$3,009	\$18,914	\$19,653	\$8,485	\$5,196	\$13,568	\$7,641	\$41,146	\$75,043
Total FG Waste	\$192,123	\$1,861,767	\$47,995	\$79,415	\$109,163	\$27,596	\$64,930	\$36,413	\$104,051	\$40,868	\$18,523	-\$7,733	\$26,954	-\$29,840	\$57,744	\$95,848

Waste is reported on on a weekly basis for monitoring