

**POULTRY PRODUCER PROCESSING 10,000 birds / week**



**Neutral marinade income analysis.**

**Assumptions**

Exchange rate TT\$ to US \$	<b>6</b>
Ex-Plant average selling price for poultry parts TT \$ / Kg.	<b>12</b>
Kg of poultry parts to be marinated	<b>5,000</b>
%age of marinade ingredient used (0.8% of weight of meat)	0.80%
Estimated cost of Neutral Marinade...US \$ / Kg CIF	1.73
Expected moisture pick-up (expected weight increase)	8%
Total % yield	108%

	<u>TT \$</u>	<u>US \$</u>
Cost of marinade used / kg of poultry parts	0.08304	0.01384
Value of 0.08 kg pick-up on 1 kg of marinated poultry parts	0.96	0.16
<b>Income Gain on marinated poultry parts translated to \$ / kg</b>	<b>0.87696</b>	<b>0.14616</b>

**Income on marinated poultry parts / week.**

	<u>Kg.</u>	<u>TT \$</u>	<u>US \$</u>
Weight of Poultry meat before marinating	5,000	60,000	10,000
Weight of Poultry meat after marinating	5,400	64,800	10,800
Increase	400	4,800	800
Marinade ingredient usage on marinated poultry parts	43	448	259
<b>Income on marinated poultry parts / week</b>		<b>4,352</b>	<b>725</b>
<b>Annualized additional income</b>		<b>226,282</b>	<b>37,714</b>

**Equipment payback**

Reconditioned vacuum tumbler 200 kg	\$10,000
shipping	\$2,000
Installation	\$1,000
<u>Miscellaneous</u>	<u>\$1,400</u>
<b>Total cost</b>	<b>\$14,400</b>

Payback time in months **4.58**

**POULTRY PRODUCER PROCESSING 20,000 birds / week**



**Neutral marinade income analysis.**

**Assumptions**

Exchange rate TT \$ to US \$	<b>6</b>
Ex-Plant average selling price for poultry parts TT \$ / Kg.	<b>12</b>
Kg of poultry parts to be marinated	<b>10,000</b>
%age of marinade ingredient used (0.8% of weight of meat)	0.80%
Estimated cost of Neutral Marinade....US \$ / Kg CIF	1.73
Expected moisture pick-up (expected weight increase)	8%
Total % yield	108%

	<u>TT \$</u>	<u>US \$</u>
Cost of marinade used / kg of poultry parts	0.08304	0.01384
Value of 0.08 kg pick-up on 1 kg of marinated poultry parts	0.96	0.16

**Income Gain on marinated poultry parts translated to \$ / kg** **0.87696** **0.14616**

**Income on marinated poultry parts / week.**

	<u>Kg.</u>	<u>TT \$</u>	<u>US \$</u>
Weight of Poultry meat before marinating	10,000	120,000	20,000
Weight of Poultry meat after marinating	10,800	129,600	21,600
Increase	800	9,600	1,600
Marinade ingredient usage on marinated poultry parts	86	897	518

**Income on marinated poultry parts / week** **8,703** **1,451**  
**Annualized additional income** **452,565** **75,427**

**Equipment payback**

Reconditioned vacuum tumbler 400 kg	\$15,000
shipping	\$3,000
Installation	\$2,000
<u>Miscellaneous</u>	<u>\$1,700</u>
Total cost	\$21,700

Payback time in months **3.45**

**POULTRY PRODUCER PROCESSING 80,000 birds / week**



**Neutral marinade income analysis.**

**Assumptions**

Exchange rate TT \$ to US \$	6
Ex-Plant average selling price for poultry parts TT \$ / Kg.	12
Kg of poultry parts to be marinated	<b>40,000</b>
%age of marinade ingredient used (0.8% of weight of meat)	0.80%
Estimated cost of Neutral Marinade....US \$ / Kg CIF	1.73
Expected moisture pick-up (expected weight increase)	12%
Total % yield	112%

	<u>TT \$</u>	<u>US \$</u>
Cost of marinade used / kg of poultry parts	0.08304	0.01384
Value of 0.12 kg pick-up on 1 kg of marinated poultry parts	1.44	0.24
<b>Income Gain on marinated poultry parts translated to \$ / kg</b>	<b>1.35696</b>	<b>0.22616</b>

**Income on marinated poultry parts / week.**

	<u>Kg.</u>	<u>TT \$</u>	<u>US \$</u>
Weight of Poultry meat before marinating	40,000	480,000	80,000
Weight of Poultry meat after marinating	44,800	537,600	89,600
Increase	4,800	57,600	9,600
Marinade ingredient usage on marinated poultry parts	358	3,720	2,150
<b>Income on marinated poultry parts / week</b>		<b>53,880</b>	<b>8,980</b>
<b>Annualized additional income</b>		<b>2,801,750</b>	<b>466,958</b>

**Equipment payback**

New injector with 1,800 kg/ hr capacity	\$150,000
Mixing tanks	\$30,000
shipping	\$4,500
Installation	\$8,000
<u>Miscellaneous</u>	<u>\$4,000</u>
<b>Total cost</b>	<b>\$196,500</b>

Payback time in months **5.05**