

Price Calculation Sol Nocturno Coffee - Harvest 2020

Proportionally calculated for 1 Kg

Value Creation Mexico	
	Euros/Kg
Capital recovery costs	2,17€
Harvest activities	1,05€
Costs of farm maintenance	4,46€
Farm administration costs	0,61€
Wet milling processing	0,73€
Dry milling processing	0,23€
Green bean machine sorting	0,23€
Green bean manual sorting	0,56€
Jute and Ecotact bags	0,15€
Logistic and exporting	0,54€
Transportation to Veracruz Port	0,48€
Financing cost	1,50€
Others	0,11€
Price €/Kg green beans	12,82€
Total price for 60kg green coffee beans	769,32€

Value Creation from Mexico to your Coffee Bag	
	Euros/Kg
Value creation in Mexico	12,82€
Financing cost (July 2020 to January 2021)	1,38€
Ocean freight, logistic and import	1,42€
Green coffee tax and ground freight Luxembourg - Hamburg	0,97€
Gas for roasting machine	1,24€
Roasting tax	2,82€
Roasting labour	3,12€
Shrinkage from green to roasted coffee	2,56€
Coffee bag	2,39€
Labels, stickers, cards & other operations	3,49€
Design, packaging, labelling, administration (Luca)	-
Sub-total roasted coffee cost	32,23€
Gross margin to Sol Nocturno	2,77€
7% VAT (Value Added Tax)	-
Final Price (€/Kg)	35 €/Kg
Final Price (€/250g)	8,75€

NOTE

Establishment of the plantation, plant breeding, planting, tools, machinery and equipment

Daily wage to harvest workers from the neighbourhood calculated proportionally to 1kg

Weed control, soil care, composting (compost from the biodynamic farm El Equimite and minerals), disease and coffee rust control (organic products)

Estimation of working time for e.g. bookkeeping

Separating the beans from the coffee cherry - carried out by the biodynamic farm El Equimite in Coatepec/Mexico

Separation of the green beans from the "Pergamino protective layer" just before export - price/kg that went to Diego's neighbours for shared use of the dry mill

Price/kg that went to Diego's neighbours for shared use of the sorting machine (sizing, quality control)

Daily wage/kg that went to the sorters (quality control)

<https://ecotactbags.com/product.php>

Export documents, registration certificates, insurance, customs costs, port charges

Fuel and tolls

expenditure, interest and other charges relating to the raising of finance

e.g. coffee bags that break and need to be replaced etc.

Price share / kg for value created in Mexico, also called RTO (Return to Origin) or FOB (Free on Board)

see above (price share / kg for value creation in Mexico, also called RTO (Return to Origin) or FOB (Free on Board))

goes to Mexico (expenditure, interest and other charges related to the raising of funds)

*** Friendship service by Alfons (Mondo del Café - Luxembourg). Amount will be given to farm workers.

*** Friendship service by Matt (Quijote Direktimportrösterei - Hamburg). Amount will be given to farm workers.

Weight loss due to the evaporation of water in the bean during roasting.

This year made possible by voluntary work. A big thank you to Kristina, Lou, Tim and Sam.

Not applicable, as the project is still running privately this year and not as a business.

Additional information	
Gross Profit (€/Kg)	2,77€
Gross profit (%)	7,90%
Total amount green coffee (Kg)	60
Total amount roasted coffee (Kg)	50
Total income (€)	1.749,82€
Total gross profit (€)	138,50€
Total cost in Mexico (green beans and exporting)	838,56€
Total cost of ocean freight and importing	70,80€
Total other operation costs in Germany	840,46€
Total costs in Germany	911,26€
TOTAL COST OF THE PROJECT (Mexico and Germany)	1.749,82€