

Quantitative Tool for Assessing the Competitiveness of Coffee Growing Areas

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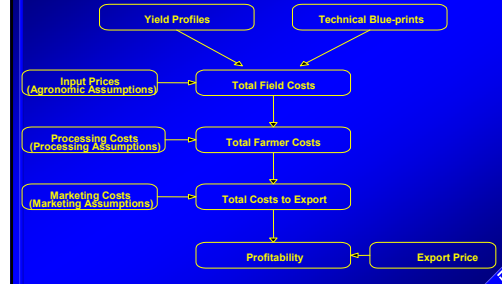
The Tool

The Tool has three components:

- Production Costs
- Processing and Marketing Costs
- Profitability

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Schematic Overview



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Arabica Production Costs

Basic Parameters | Total Costs

Processing Parameters | Profitability

Marketing Parameters | Save Changes

--- Technical Data ---

--- Technical Data ---

--- Technology Blueprints ---

- Intensive Shade (1,300kg per ha) Catimor
- Intensive Shade (1,700kg per ha) Catimor
- Intensive Sun (1,700kg per ha)
- Intensive Sun (2,200kg per ha) Catimor
- Intensive Sun (2,200kg per ha)
- Traditional (600kg per ha) Catimor
- Traditional (300kg per ha)
- Traditional (600kg per ha)

New User Notes

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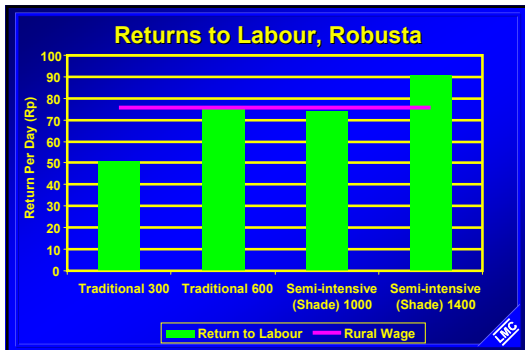
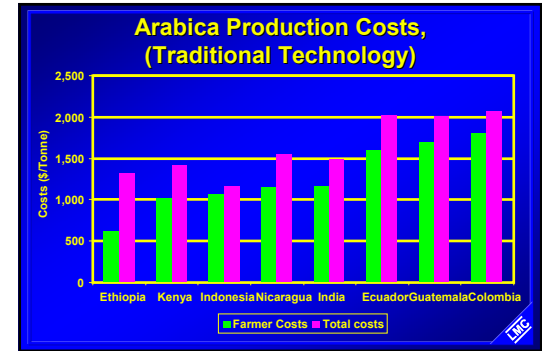
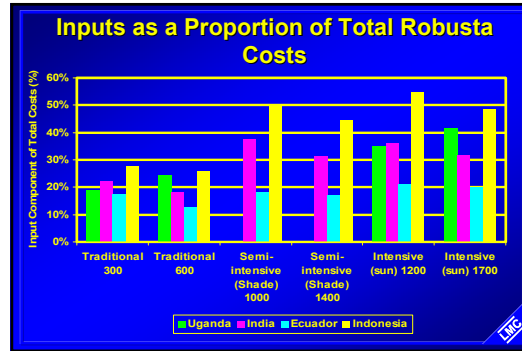
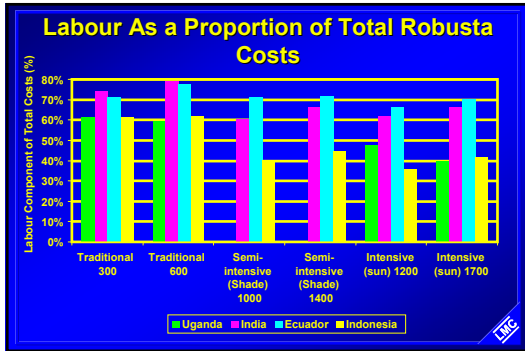
Model Parameters (costs are in local currency/ha/ha)			Units in Yellow can be varied		
Cross-sectional parameters			Technical parameters		
Colombian coffee export UTE	100	kg	1000 kg of cherries	100	kg of clean coffee
Discount Rate	10%	Yearly	100 kg of cherries II	100	kg of clean coffee
			100 kg of clean cherries	100	kg of clean coffee
			100 kg purchase cost	100	kg of clean coffee
Inputs			Inputs		
Land clearing	2000	ha/ha	Truck	1	ha/ha
Shading	1000	ha/ha	Fertilizer	100	kg/ha
Planting/Pruning	1000	ha/ha	Tractor	100	ha/ha
Transport of plants	1000	ha/ha	Other fertilizer	100	kg/ha
Shade application	1000	ha/ha	Manure 20-20-20	100	kg/ha
Pruning	1000	ha/ha	Manure 20-20-20	100	kg/ha
Chemical	1000	ha/ha	Manure 20-20-20	100	kg/ha
Planting	1000	ha/ha	Manure 20-20-20	100	kg/ha
Shading	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application II	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application III	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application IV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application V	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application VI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application VII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application VIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application IX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application X	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XIV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XVI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XVII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XVIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XIX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXIV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXVI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXVII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXVIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXIX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXIV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXVI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXVII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXVIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XXXIX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XL	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLIV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLV	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLVI	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLVII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLVIII	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application XLIX	1000	ha/ha	Manure 20-20-20	100	kg/ha
Fertilizer application L	1000	ha/ha	Manure 20-20-20	100	kg/ha

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What can the tool do?

- Profitability
- Breakeven costs
- Components of costs
- Impact of policy and policy change
- Returns to labour
- Cost competitiveness

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- ### Recommendations for use
- In country use
 - Comparative Analysis by the IO