

<div style="background-color: #f4a460; padding: 5px; text-align: center;">COSA basic indicators of COSitA</div>		
<div style="background-color: #8ebf3d; color: white; padding: 5px;">Farm Information Set</div>		NB: some indicators have specific methodological approaches and these are adapted to specific country-sector needs in order to maintain global consistency of the comparable indicators
Core Issue	Macro	Indicator Fields
Vital Statistics	Household Demographics	Producer age
		Producer education
		Producer experience
		Producer gender
		Household revenue & assets
	Farm Characteristics	Household composition
		Land tenure
		Farm management
		Farm size
		Farm location
		Distance to market
Economic Sustainability		
Core Issue	Macro	Indicator Fields
Producer Livelihood	Revenue	Farm revenue
		Target crop revenue
		- Yield
		- Price
		Household labor revenue
	Costs	Total production costs for target crop
		- Labor costs
		- Fertilizer costs (synthetic and natural)
		- Biocide costs (synthetic and natural)
		- Equipment costs
		- Energy costs
		Certification costs (direct)
		Compliance costs (indirect) to meet Standards
		- Specific training
		- Specific infrastructure
		- Record keeping (e.g. traceability)
	Income	Producer net income from target crop
Risk	Diversification	Portion of total production revenue from target crop
		Portion of cultivated farm area used for other crops
	Information	Access to market information
		Price formation - Producers understanding the factors (e.g. quality, certification, point of delivery, market price) that affect the price paid by buyer or producer org.
	Credit	Access to credit (how much and from what sources)
Competitiveness	Business Development	Yield volatility
		Access to medical services
		Relationship to National Poverty Line
	Differentiation	Days without sufficient food
		Discrimination - compare pay (gender or diverse ethnicity or affiliation) for same role
Efficiency	Access to market information	
	Ratio of farm price to global reference price	
	Training attended	
	- Type	
		- Amount of time
Producer Organization	Governance	Price formation - Producers understanding the factors (e.g. quality, certification, point of delivery, market price) that affect the price paid by buyer or producer org.
		Quality practices in cultivation and processing
Perception	Producer Perception	Producers knowing quality levels
		Ownership or control of certification or standard
		Number of current standards or certifications
		Amount of price premium for complying to a standard or certification
		Portion of crop sold as compliant or certified
Producer Organization	Services	Labor efficiency
		Wealth change over time
Producer Organization	Governance	Productivity - efficiencies of output/inputs
		- Labor use (time & cost)
Producer Organization	Governance	- Agrochemical use (volume & cost)
		- Energy use (\$)
Producer Organization	Governance	Producer participation levels in groups
		Democratic process in organization (vote)
Producer Organization	Services	Women's participation with local producer groups
		Number of basic services provided by assn. i.e. marketing, inputs, extension, storage, credit, market information, processing, etc
Producer Organization	Services	Community relations - farms participating in projects (i.e. infrastructure)

Social Sustainability		
Core Issue	Macro	Indicator Fields
Labor Conditions	Health and Safety	Restricted agrochemical use for vulnerable groups
		- Children
		- Pregnant women
		Farms w/protective gear (agrochemical application)
Living Conditions	Living Conditions	Farm injuries
		Access to Medical Services
		- Time to reach
		- Cost
Basic Human Rights and Equity	Labor Rights	Smoke ventilation in cooking area
		Farms w/safe water for domestic use
		Children working
	Education	- Children in school at appropriate grade level
		Workers and smallholders earn at least minimum wage or national poverty line
		Discrimination (worker)
		Training attended
	Gender	- Type
		- Cost to producer
		- Amount of time
Children in school at appropriate grade level		
Women's participation with local producer groups		
Farms with women as head of farm		
Food Security	Food Security	Women serving as a community-level delegate or committee member
		Women holding a leadership post in the producer group
		Access to training for women
Community	Participation	Access to education by gender
		Days without sufficient food
		Community relations - farms participating in projects (infrastructure)
		Producer participation levels in groups
Shared Value	Transparency	Democratic process in organization (vote)
		Women's participation with local producer groups
Perception	Producer Perception	Buyer (or co-op) provided financial or management support
		Access to market information
Shared Value	Investing in Capacity	Price formation - Producers understanding the factors (e.g. quality, certification, point of delivery, market price) that affect the price paid by buyer or producer org.
		Training attended
Perception	Producer Perception	Producer perceptions of changed social issues:
		- Community relations
		- Community care of the environment
		- Quality of life
Environmental Sustainability		
Core Issue	Macro	Indicator Fields
Water	Quality	Water conservation measures
		Access to safe water
		Contamination
Resource Management	Input Management	- Water contamination prevention measures
		- Water discharge control
		Farms recycling - reusing waste
		Water contamination prevention measures
Soil	Soil Health	Amount of biocides used (synthetic & natural)
		Toxicity class of biocides used (synthetic & natural)
		Use levels of synthetic and natural fertilizers for N, P, K use efficiency
Biodiversity	Flora Diversity	Energy quality and use (gas, wood and other sources)
		Level of erosion on farms
		Soil conservation measures
Climate Change	Sequestration and Mitigation	Local (closed) nutrient cycle of organic matter & crop processing left overs
		Overstory biodiversity
		Managed conservation areas
Perception	Producer Perception	Overstory trees per hectare
		Reforestation
		Carbon Sequestration proxy: Overstory or Forest quantity/quality
Perception	Producer Perception	Emissions proxy: Energy & Nitrogen calculation
		Conversion of natural areas to farm land
		Producer perceptions of changed environmental issues
Perception	Producer Perception	- Farm's care of environment
		- Community's care of environment