

World Agricultural Forum

The Global Trading System as a Motor for Assuring Food Security



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PROJECTED INCREASE OF WORLD DEMAND OVER THE COMING YEARS

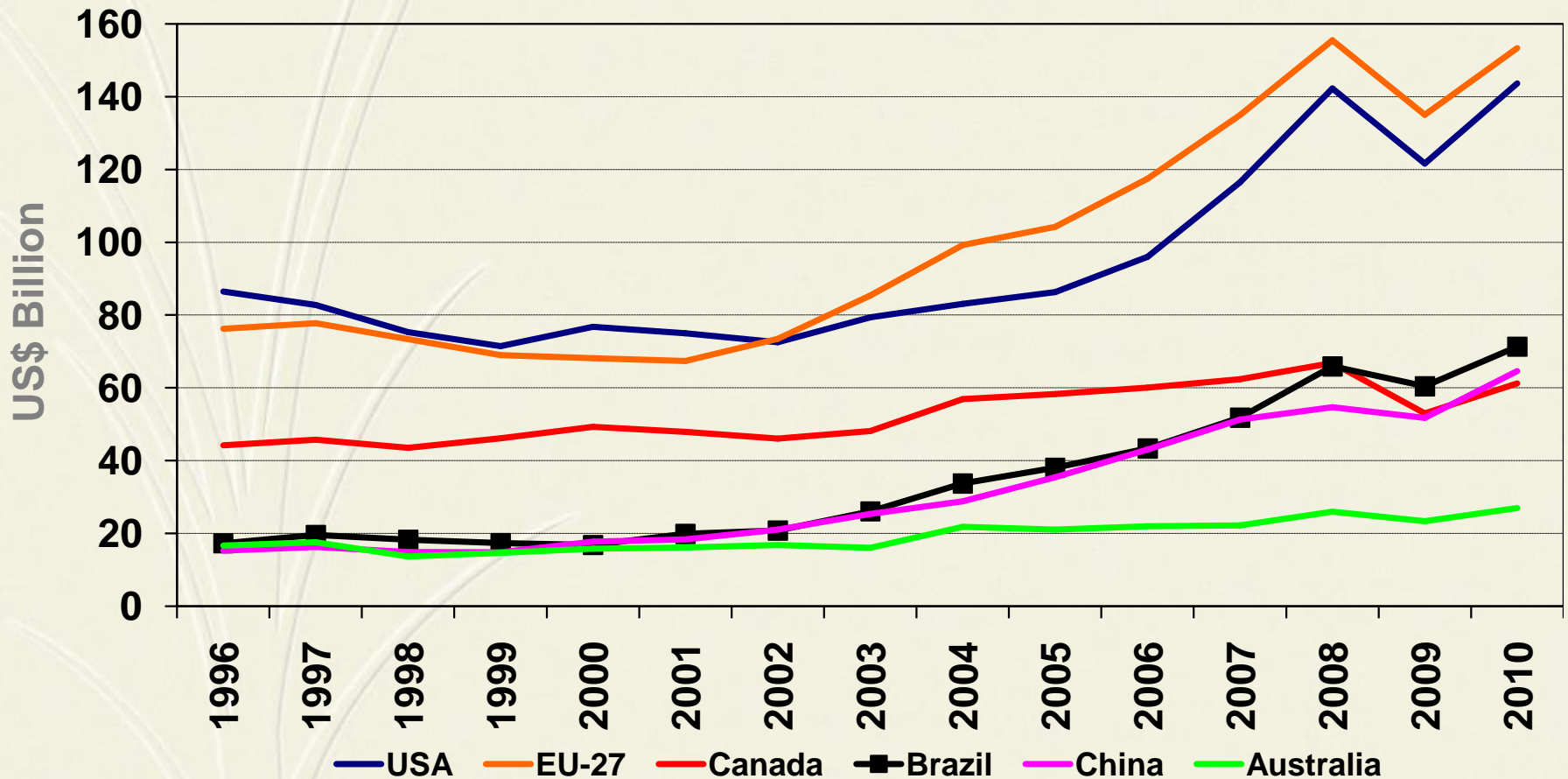


FAO estimates of future world production to assure world food security

World production	2010 to 2030	2030 to 2050
Meats	↑48%	↑21%
Maize	↑30%	↑17%
Vegetable oil	↑43%	↑37%
Sugar	↑60%	↑15%

INTERNATIONAL TRADE PERFORMANCE

Main Exporters of Agricultural Products



Sources: WITS and CONTRADE.

Elaboration: ICONE

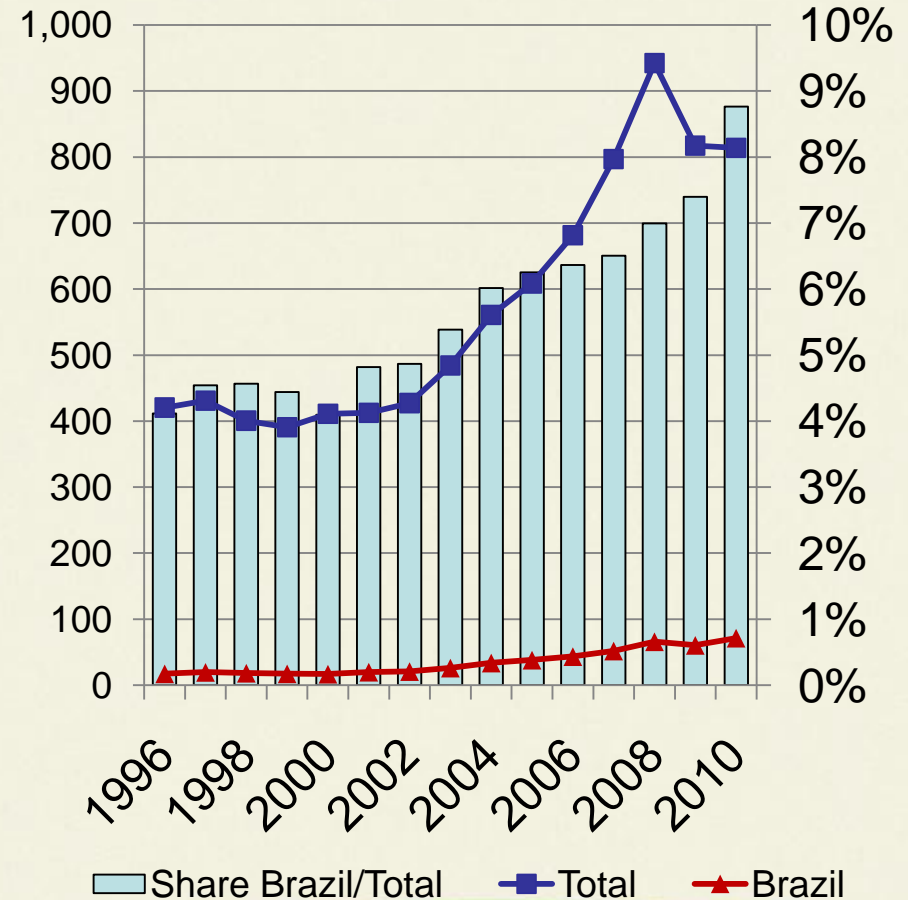
EU-27: extra-bloc exports. Canada exports include exports to the U.S.

BRAZILIAN AGRIBUSINESS IN THE WORLD

Brazil: World Ranking

	Production	Exports
Soybean	2º	2º
Sugar	1º	1º
Ethanol	2º	2º
Beef	2º	1º
Chicken meat	3º	1º
Pig meat	4º	4º
Coffee	1º	1º
Orange juice	1º	1º
Tobacco	2º	1º
Cellulose	4º	1º
Maize	4º	3º
Cotton	5º	5º
Rice	9º	9º
Wheat	16º	10º
Banana	4º	15º

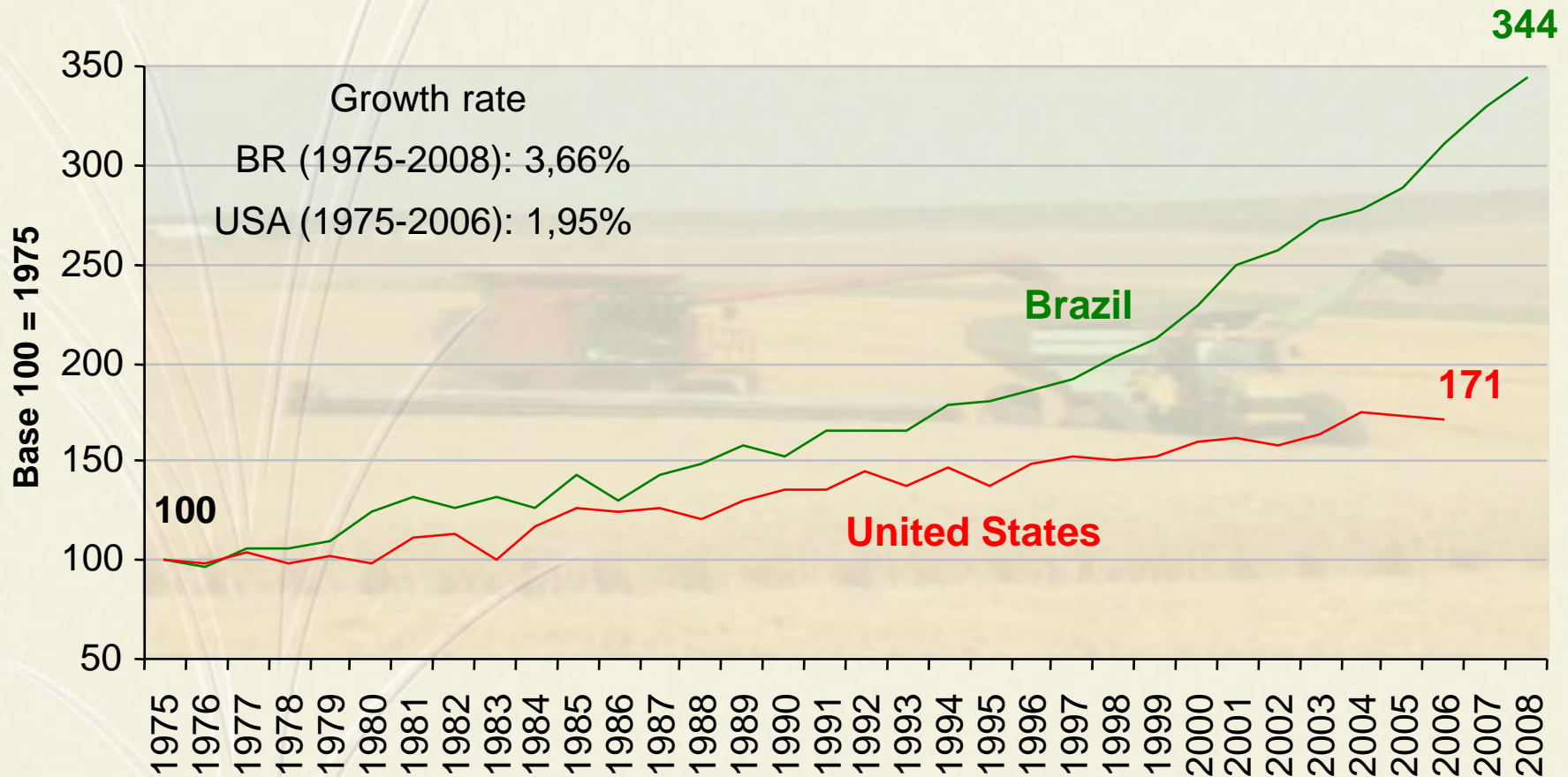
Brazilian and World Agricultural Exports (USD billion)



Sources: WITS; MDIC.



TOTAL FACTORS PRODUCTIVITY: AGRICULTURAL SECTOR



Sources: Gasques, Bastos e Bachi, 2009.

EVOLUTION OF AGRICULTURAL PROTECTIONISM

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1. Tariffs (peaks, escalation, specific tariffs, etc).
 2. TRQs, antidumping, special safeguards.
 3. Export subsidies and credits, food aid, State Trading Enterprises.
 4. Domestic subsidies.
 5. Sanitary barriers (salmonella, dioxin, hormones, BSE, foot-and-mouth disease, Avian flu, newcastle, swine fever, regionalization, etc.)
 6. Technical barriers: process and production methods (PPM), labelling, packaging, traceability, animal welfare, GMOs (Cartagena Protocol).
 7. Private standards (EurepGap, *British Retail Consortium*, etc).
 8. Environmental and sustainability standards: carbon footprint, residues, deforestation, land use and rights, water use, social aspects, etc.
 9. Multifunctionality.
 10. Food Miles.

WTO

LACK OF REGULATION

FINAL REMARKS

- **With demand for food to double over the next decades, some policies and behaviors have to change:**
 - **Protectionist policies** promoting inefficiencies in agricultural production **must be repealed**
 - **Food cannot be wasted** any more (60% today)
 - **Investments to put land into production** and to increase yields is needed rather than income support subsidies
- **Climate change and water scarcity will alter the world agricultural production map:**
 - Global agricultural **trade will become essential**
 - **Water supply and best agricultural practices** will become a competitive advantage

Thank you

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