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China's Agri-food Trade

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China's Agri-food Trade

"We possess all things. I set no value on objects strange or ingenious, and have no use for your country's manufactures"

Emperor Qian Long (1736-1795) in a letter to the king of England.

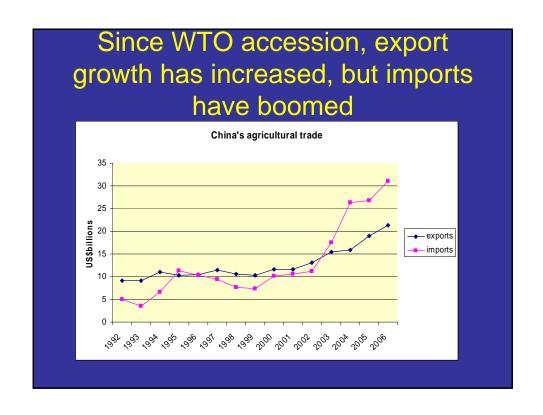
Allan Rae Centre for Applied Economics and Policy Studies, Massey University

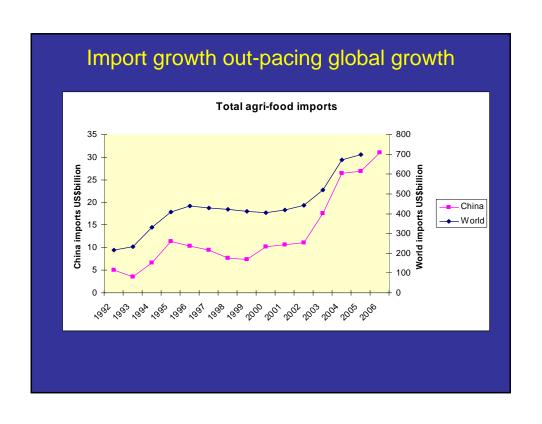
Some background

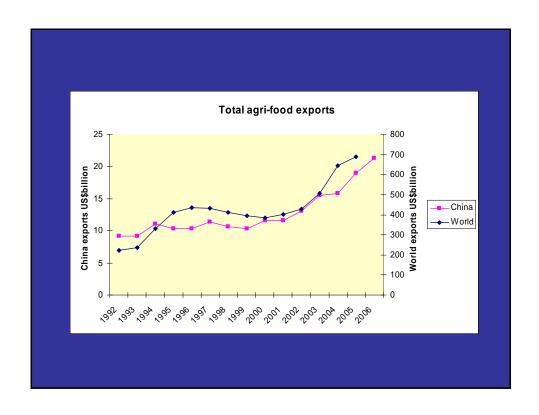
- · China has long been a trading nation
 - >2000 years; Silk Road
- Tea exports to Britain
 - 1684: 5 chests
 - 1800 : 10,500 tonnes
- Opium imports from the British
 - 1729: 200 chests
 - 1838: 40,000 chests
- Imported plants: China now leading producer of peanuts, maize
- Positive agri-food trade balance most years since 1949
- WTO accession in 2001
- Trade balance turned negative from 2003...

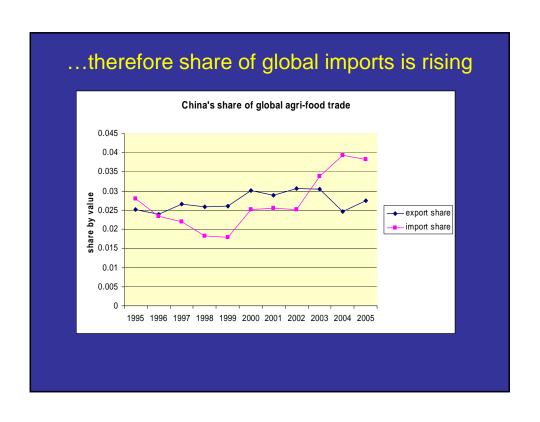
A common perspective may be...

- Rising affluence and urbanisation
- Changing food consumption patterns
- Rising imports of protein-rich and valueadded foods from the developed world.
- Is this the reality?

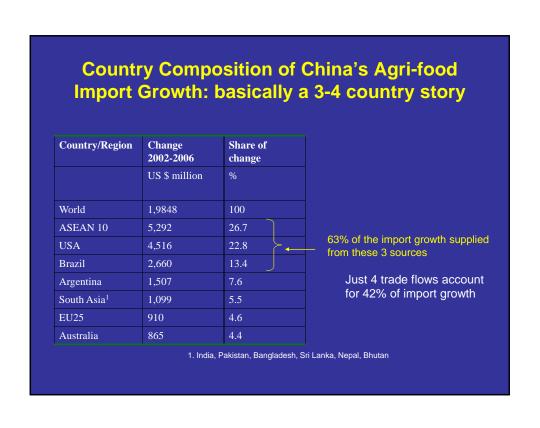




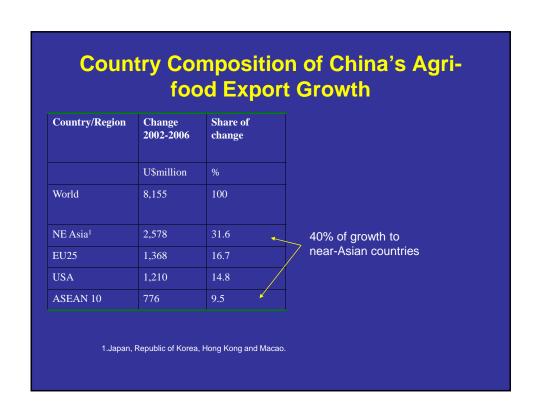




| Growth: largely driven by industrial boom and the livestock sector | | | | | |
|--|------------------|-----------------|---|--|--|
| Commodity | Change 2002-2006 | Share of change | | | |
| | U\$million | % | | | |
| All agri-food | 19,848 | 100 | | | |
| Soybeans | 5,006 | 25.2 | 3 commodities expla 60% of import growt | | |
| Cotton | 4,687 | 23.6 | | | |
| Natural rubber | 2,335 | 11.8 | | | |
| Processed food other than dairy & meats | 1,871 | 9.4 | | | |
| Palm & soybean oil | 1,754 | 9.2 | Industrial demands account for 41% of import growth | | |
| Horticulture | 958 | 4.8 | | | |
| Raw hides & skins | 727 | 3.7 | | | |
| Animal feeds | 526 | 2.6 | | | |
| Wool | 445 | 2.2 | | | |
| Cereals | 339 | 1.7 | | | |
| Dairy | 329 | 1.7 | | | |
| Meats | 56 | 0.3 | | | |



| Growth: | expansi | ion is a h | orticultural story |
|--------------------------------------|------------------|-----------------|---------------------|
| Commodity | Change 2002-2006 | Share of change | |
| | U\$million | % | _ |
| All agri-food | 8,155 | 100 | |
| Horticulture | 2,623 | 32.2 | 57% of growth |
| Processed horticulture | 2,024 | 24.8 | due to horticulture |
| Meats | 652 | 8.0 | |
| Beverages | 493 | 6.0 | |
| Miscellaneous edible processed foods | 450 | 5.5 | |
| Preparations of cereals etc | 407 | 5.0 | |



Summary of recent trade reforms

- · China's average agricultural MFN tariff has declined:
 - from 18.5% in 2002 to around 15% in 2005.
 - But the decline in China's agricultural tariffs had commenced prior to WTO accession – in 1997 average agricultural tariff was around 33%.
- TROs
 - For major grains & soybeans in 1996
 - Soybeans TRQ removed in 2002 & tariff = 3%
 - Vegetable oils TRQ removed in 2006
 - Cotton TRQ from 2002, but quotas significantly increased 2003-05
 - Also wool and sugar TRQs
- Rubber had been restricted by quota, these removed in 2005 & tariffs reduced
- STEs still involved in importing
- But private firms can access portion of quotas
 - 40% of maize, 67% cotton, 30% sugar

What's driving imports?

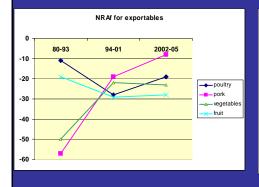
- WTO accession agricultural reforms?
 - Anderson projected only "modest" import impact, equiv. to 1% annual imports
- WTO accession: FDI?
 - FDI grew 10.5% p.a. 2000-2005
 - But also grew 10% p.a. 1993-98
 - Contributes to industrial growth
 - E.g. 2 million vehicles made before 2000, 6 million by 2005
- Removal of MFA quotas?
- Opening quotas to private trade?
- Expansion of cotton quota?

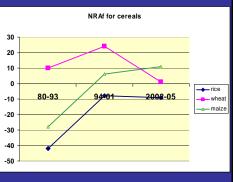
Incentives & distortions

- Industrialisation partly financed by transfers from Agriculture (Mao)
- Producers taxed from agric & trade policies in early reform years (rice, maize, cotton)
- Producer prices had been depressed due to compulsory purchases (grains, cotton)
- Positive protection to import competing (sugar, milk)
- SPS regulations of importers have restricted meats& FV exports
- New support policies for maize
- Now, China's agriculture is one of least-distorted globally
- PSE of 8% in 2005 (OECD 2007).

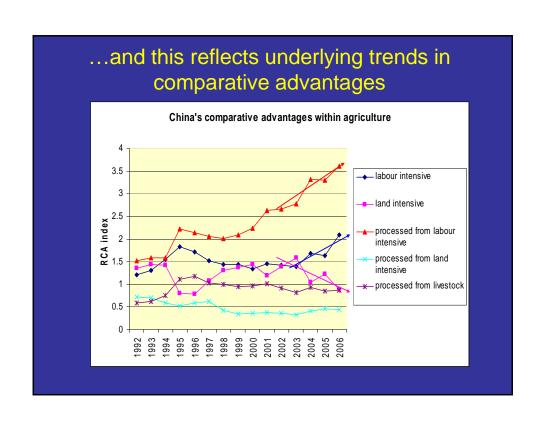
Nominal rates of assitance: farmer versus border prices (Huang et al. 2007)

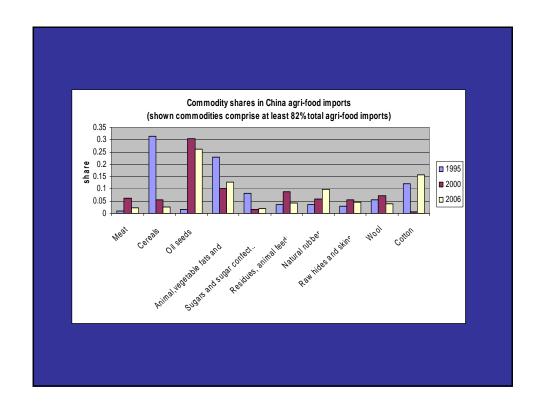
- includes bordewr & domestic market distortions -

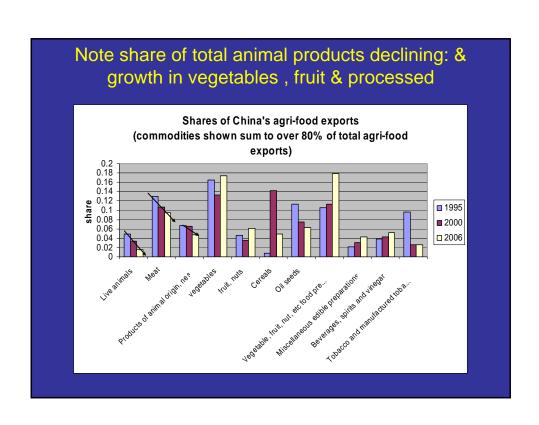












When will China import coarse grains?

- For some time, researchers have predicted this, but didn't happen
- More recently, OECD (2005) projected coarse grain imports of 12 mt in 2006
- Actual (Comtrade) was exports of 3.11 mt, and net exports of 0.88 mt
- Maize the main export barley the main import

Net imports of maize vs meats (grain equivalents) NE Asia = Japan, Korea & Taiwan In last two years, China's net exports of maize: 8.6 and 3 mt China meats Only 15000 NE Asia maize NE Asia maize NE Asia meats NE Asia meats Only 15000 NE Asia meats Only 15000 Only 15000