



Diversification and food export potential in irrigated areas of Central Asia: South Kazakhstan & Samarkand regions

Shavkat Hasanov

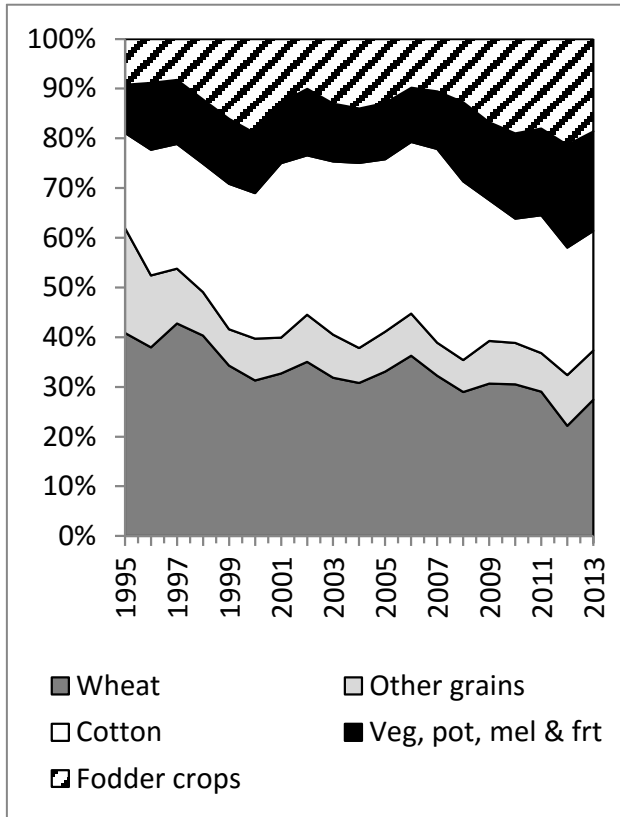


Content

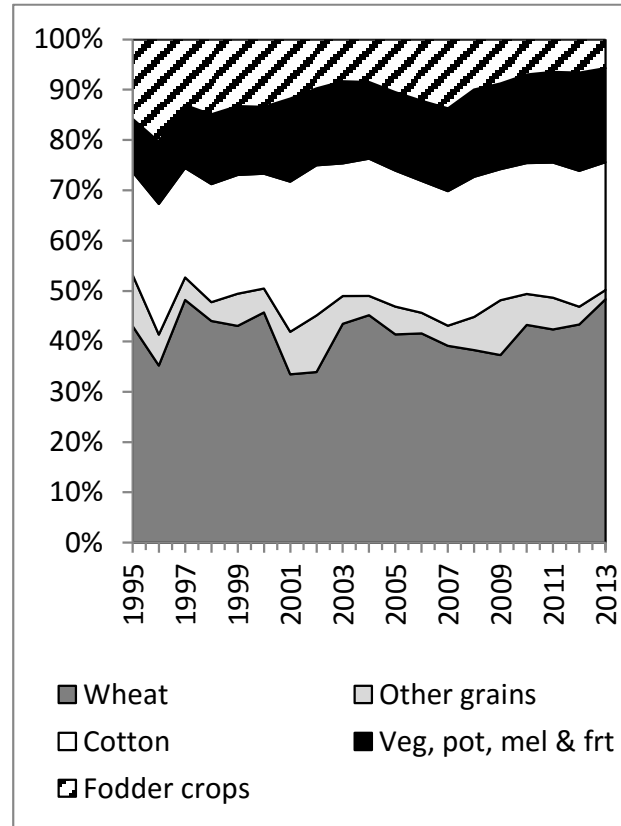
- Description of agricultural development in South Kazakhstan and Samarkand provinces:
 - Changes in cropping pattern
 - Speed and manner of land reforms
 - Evolution of new private farm sector
 - Contribution of different producers in main crop produce
- Observed patterns and emerging issues
- Experience of Samarkand province

Changes in cropping patterns

South Kazakhstan



Samarkand



Crop area:

Differences in trends:

Cotton

Wheat

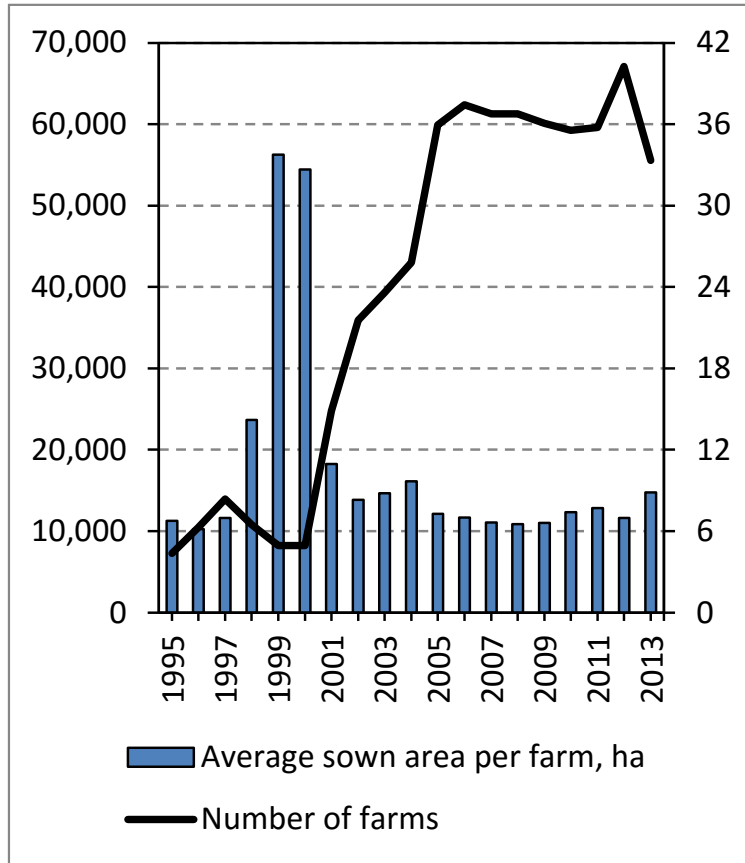
Fodder

Similar in:

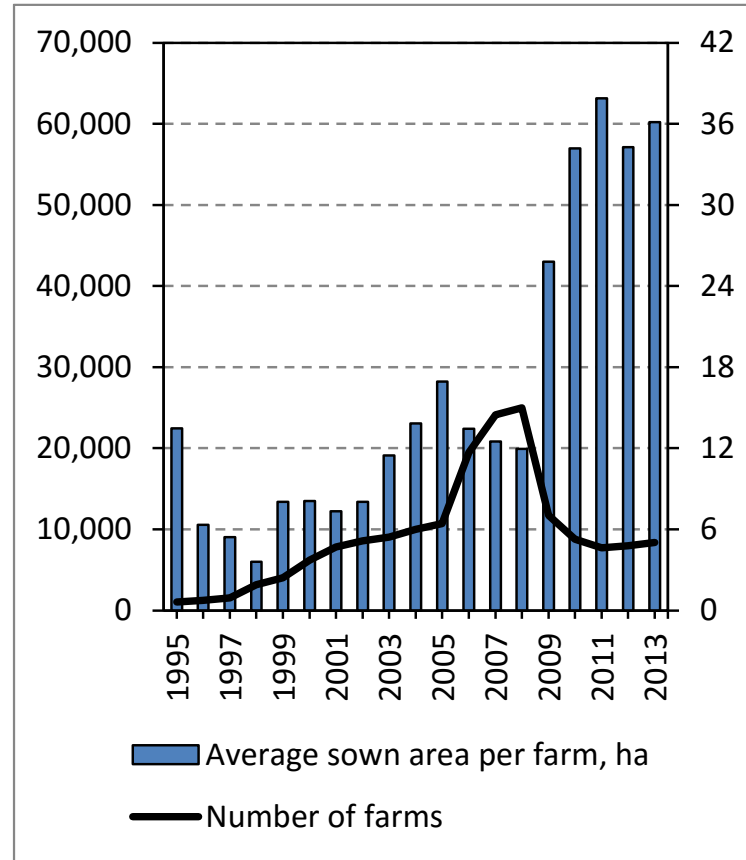
Vegetables & fruits

Size and number of newly established farms

South Kazakhstan



Samarkand

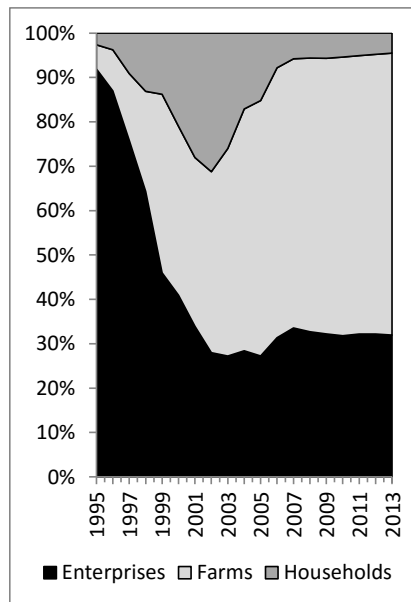


Smaller farms in South Kazakhstan (<10 ha)

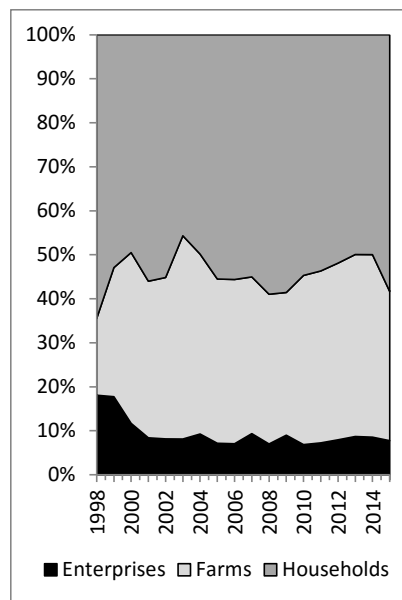
Share of different farm categories in...

South Kazakhstan

Sown area



GAO



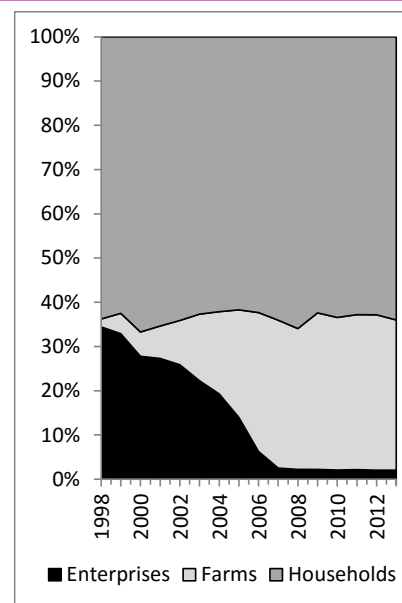
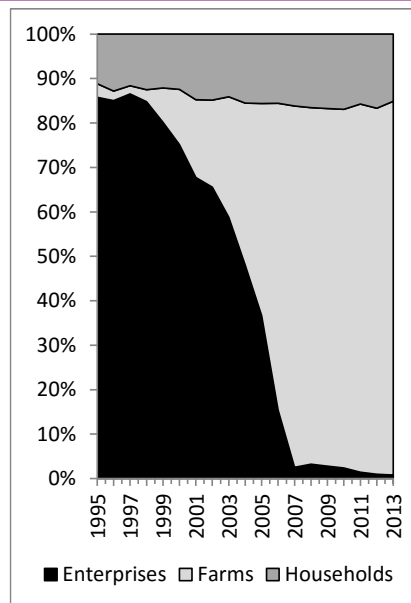
Sown area:

Dominance of individual farms and enterprises

GAO:

Dominance of individual farms and households

Samarkand



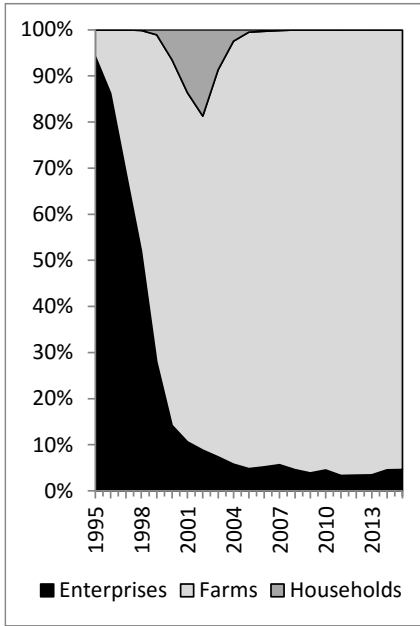
Sown area:

Dominance of households and individual farms

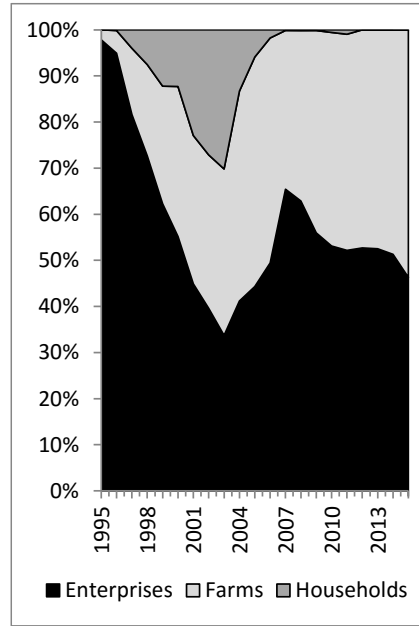
Contribution of different farm categories to output

South Kazakhstan

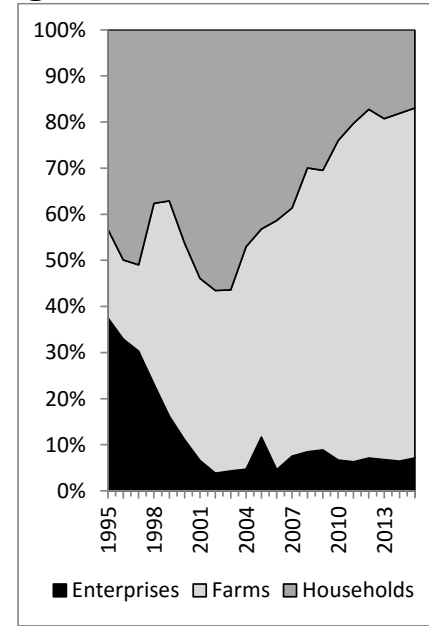
Cotton



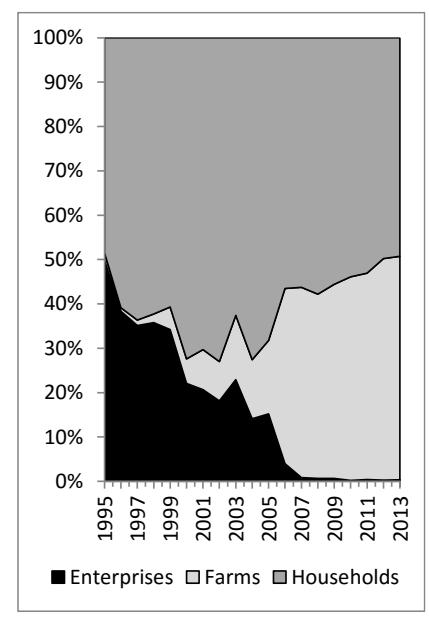
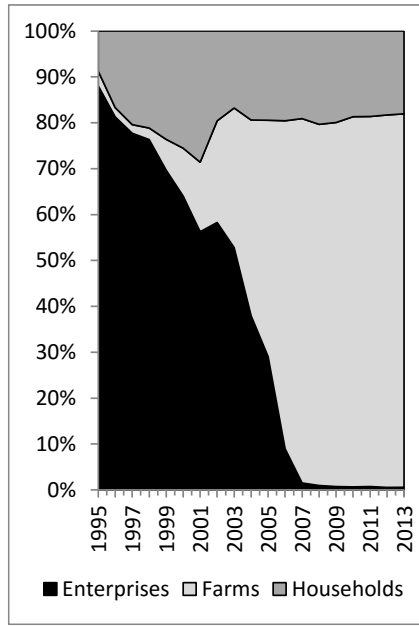
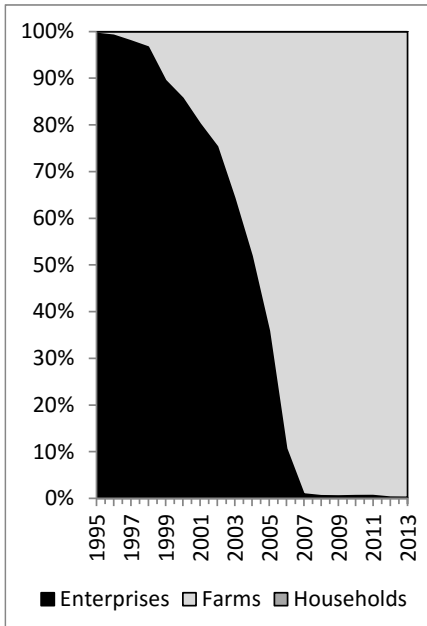
Wheat



Vegetables, melons, fruits



Samarkand



Agricultural change in comparison

	South Kazakhstan	Samarkand
Land tenure	Long-term lease of state land, private ownership	Long-term lease
Farm restructuring	State farms dissolved in 1990s, av. size 10 ha	Optimisation after 1998, av. farm size >50 ha
Organisation of labour	Family farms with seasonal workers	Sharecropping with rural households
Access to capital	Private banks, subsidies	State provides inputs and loans
Water governance	Water user coops; growing role of state actors	Central water use management
Strategic role of agriculture	Modernisation under “Agribusiness 2020”	Cotton & wheat as strategic crops
Processing	Private ginneries	State-owned processing

Challenges and opportunities

Challenges in targeting the value-addition for domestic and export markets:

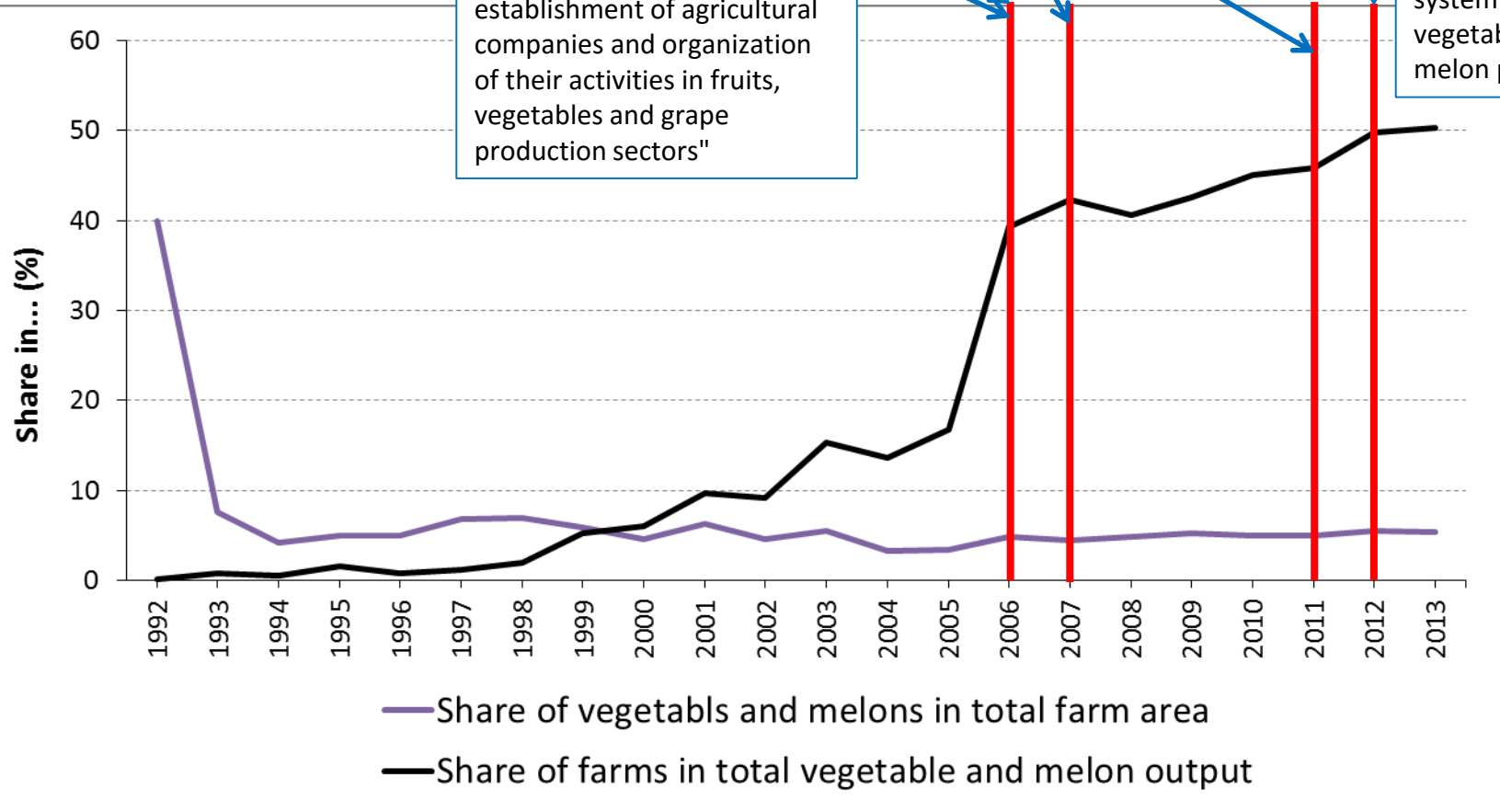
- Dominance of small producers in HVC
- Many farms -> need for new forms of interactions in:
 - Water use
 - Marketing and supply chains
 - Within farm (surplus of skilled labor resources)

Challenges and opportunities

Challenges in targeting the value-addition for domestic and export markets:

- Interlinkages between farm workers and managers of farms/enterprises:
 - Permanent and seasonal contracts
 - In kind or extra yield awards
 - Privilege conditions for employees

Chronology of agri-policy measures on expansion of fruit and vegetable production in Uzbekistan



Decree on "Organizational measures towards reforms in fruits, vegetables and grape production sector"

Resolution on "Adoption of preferential credit schemes ... for purchasing of mini-technologies ... fruits, vegetables and livestock products"

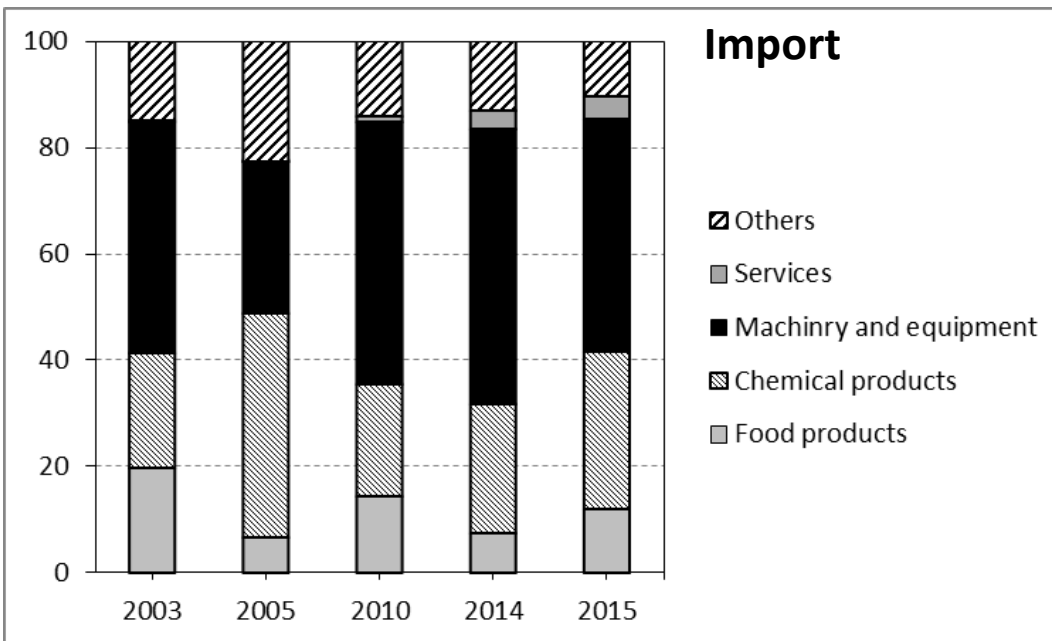
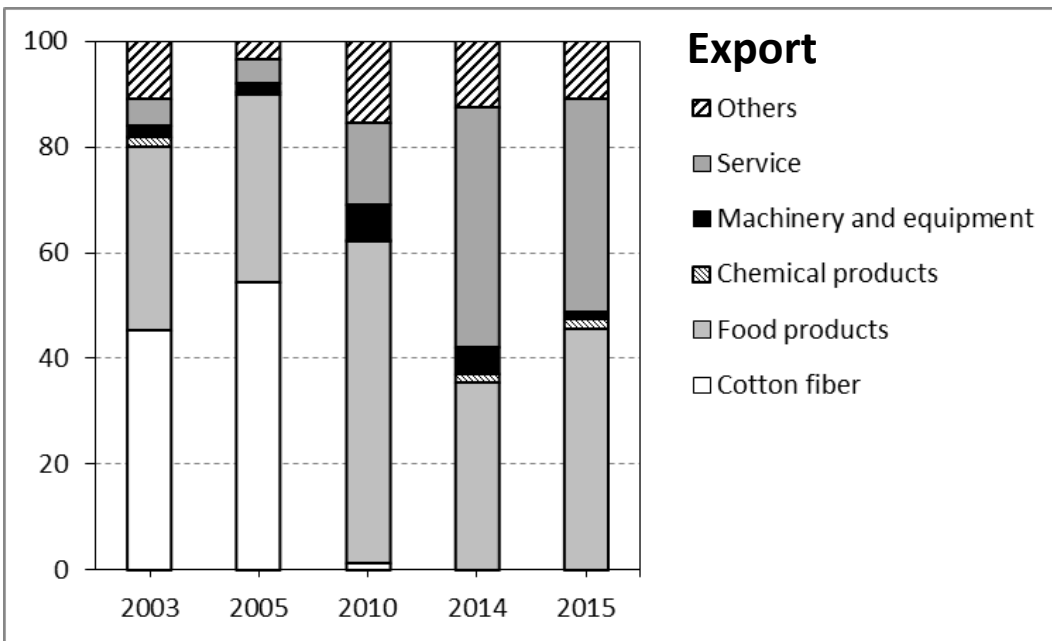
Resolution on "Additional measures .. increasing volume of production ... food products for 2012-2015"

Resolution on "Procedure of establishment of agricultural companies and organization of their activities in fruits, vegetables and grape production sectors"

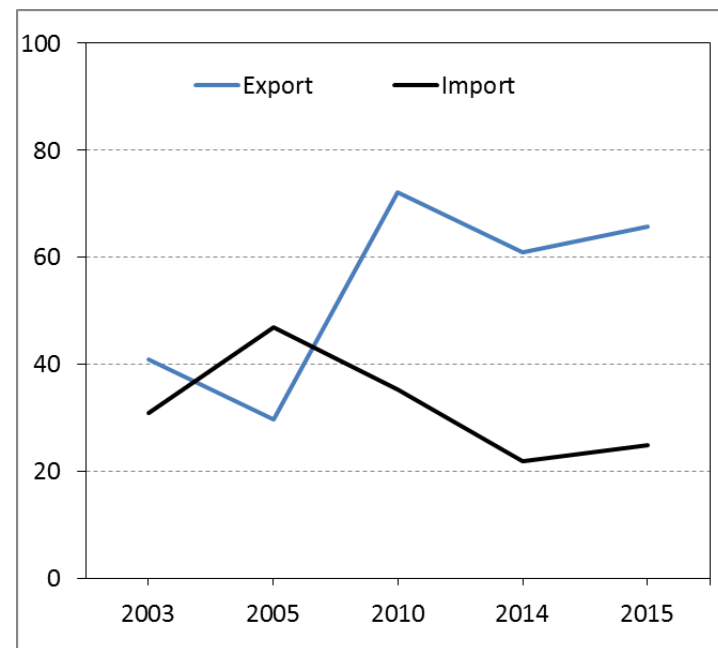
Decree on "Measures of development ... national food-industry sector for 2012-2015"

2016: Decree on "Measures towards enhancing procurement system of fruits-vegetables, potato and melon products"

Export and import structure of Samarkand province



Share of traded amount of Samarkand province with CIS, %



Strategy of development of fruit & vegetable chain in Samarkand region

Channel	Current Situation	2015-2020	2021-2025
Production	Inefficient, weak linkage effects between units, production of homogenous products	Capacity building, knowledge disseminations, enhance of linkage effect, enhance of farm income, more research oriented production, establishment of multi sectorial production units, export oriented products	Establish Multinational companies, support agro and traditional production tourism, diversify production
Post-Harvesting	Less of storage facilities, weak linkage effects btw units	State program to encourage building new and maintaining existing warehouses, decrease of post-harvest losses to min., enhance of linkage effects btw. units, establish distribution centers, solve of transportation and energy provision issues, knowledge disseminations among units	Establish modern distribution centers, post-harvest research centers

Strategy of development of fruit & vegetable chain in Samarkand region

Channel	Current Situation	2015-2020	2021-2025
Processing	Less diversified production, low procurement prices of raw materials, energy provision problems	Research lab at the region, e.g. Samarkand Ag Uni, curricula development for prepare students, Encourage to establish processing factories, enhance of linkage effect among units, research station	R&D, marketing agencies, packaging and design of export oriented products
Marketing	In initial stage, less linkage effects btw units	The issue of State program or Presidential act about clusters, Phytosanitary Center, extension services for personal	Enhance of units income, establish agro and traditional tourisms



Thank you

Chronology of main laws related to the expansion of fruit and vegetable production in Uzbekistan

Year	Legislative acts	Main focus
11.01.2006	Decree of President “On organizational measures towards reforms in fruits, vegetables and grape production sector”	Transformation of agri cooperatives to individual farms, establishment of agro-industrial companies, enhancement of sectoral administration
10.03.2006	Resolution CM “On adoption of resolution on procedure of establishment of agricultural companies and organization of their activities in fruits, vegetables and grape production sectors”	Establishment of agricultural companies, elaboration of contract template between producers and processors
20.08.2007	Resolution of CM “On adoption of the procedure of the preferential crediting schemes and leasing services for purchasing of mini-technologies and compact equipment by farms and other small business enterprises engaged in processing of fruits, vegetables and livestock products”	Preferential loans and enhancement of leasing system for mini-technologies and equipment

Chronology of main laws related to the expansion of fruit and vegetable production in Uzbekistan

Year	Legislative acts	Main focus
20.10.2008	Decree of President “On optimization of farm plots and measurements towards increasing food production”	Sustainable production of food products, farm restructuring
31.10.2011	Decree of President “On measures of development and enhancement of management system in national food-industry sector for 2012-2015”	Food industry development, foreign investment to agricultural production
23.08.2012	Resolution of CM “On additional measures towards deepening processing of agricultural commodities, increasing volume of production and expand assortment of food products for 2012-2015”	Increase of volume of food products, crop diversification
12.04.2016	Decree of President “On measures towards enhancing procurement system of fruits-vegetables, potato and melon products”	Increase volume of products and exports, enhance processing and storage infrastructure