## D.R. Galoyan, Doctor of Economics

## ARMENIA ON THE EURASEC FOOD MARKET

The following areas of cooperation form the basis of the Eurasian Union's economic integration:

1. Mutual trade expansion.

- 2. Deeper border cooperation (easing customs procedures).
- 3. Cooperation in the energy sector.

© D.R. Galoyan, 2013

4. Cooperation in the transportation and communications sectors.

A particular area of cooperation is also the agro-industrial complex. The EurAsEC member states' natural and geographical conditions allow maximizing the use of comparative advantages of agricultural sector specialization, as well as implementing mutually beneficial trade reflecting the integration processes of the agrarian market. Foreign trade opportunities are primarily determined by the ratio of agricultural product production and domestic consumption. Table 1 be low shows the main agricultural products production volumes by EurAsEC countries in 2012.

Table 1

Product	Measurem ent unit	Russia	Belarus	Kazakhstan	Armenia	Overall EurAsEC and Armenia
Wheat	Thousand	70908	9227	12865	46	93046
	tons	76.2%	9.9%	13.8%	0.05%	100%
Potatoes	Thousand	29533	6911	3126	647	40217
	tons	73.4%	17.2%	7.8%	1.6%	100%
Vegetables	Thousand	14626	1581	3062	849	20118
	tons	72.7%	7.9%	15.2%	4.2%	100%
Meat	Thousand	8007	1092	934	130	10163
(in slaughter weight)	tons	78.8%	10.7%	9.2%	1.3%	100%
Milk	Million tons	32	7	5	1	45
		71.3%	15.5%	11%	2.2%	100%
Egg	Million	42007	3846	3673	658	50184
	units	83.7%	7.7%	7.3%	1.3%	100%

The main agricultural products production volumes by EurAsEC countries in 2012

Note: The table is compiled according to the date available in [7].

As the table shows, the productivity of agricultural products in Armenia is lower than in any of the EurAsEC member countries. It should be noted that in Russia 8.3% of the budget revenues are spent on the development of agriculture, in Belarus respectively 11%, in Kazakhstan 2.9%, while in Armenia, only 1.9% [1, 6]. In fact, initially unequal economic conditions are formed, which reduce the

competitiveness of Armenian products in the markets of these countries.

Nevertheless, the absolute figures from Table 1 do not fully reflect either the country's role in EurAsEC agricultural production total volume, or the self-reliance level of each individual country's food production. For this reason it is advisable to also consider the relative index, which is the production of agricultural products per capita. Based on this, the particular indices of primary agricultural products products production have also been calculated, and the integral sum of which has allowed ranking countries according to the security level of domestic production of agricultural products (Table 2).

The data provided in the table 2 show that Armenia ranks in third place by per capita agricultural production indices among the EurAsEC members. Of all the products the first place belongs to the Belarusian agro-industrial complex. The sum of agricultural production indices of Belarus is about 2 times higher than the relevant figure of the other states, which speaks for the gap between that country's agro-industrial complex development level and that of the agro-industrial complexes of the other members of EurAsEC. Thus, the rest of the countries have several problems with certain types of food production and self-reliance.

Table 2

Product	Measure ment unit	Russia	Belarus	Kazakhsta n	Armenia
Wheat	Kg	494	975	754	14
	index	0,69	1,35	1,05	0,02
Potatoes	Kg	206	730	183	199
	index	0,86	3,06	0,76	0,83
Vegetables	Kg	102	167	179	262
	index	0,92	1,52	1,63	2,38
Meat (in slaughter	Kg	55	115	54	40
weight)	index	1,14	2,39	1,12	0,83
Milk	Kg	223	739	293	308
	index	0,85	2,8	1,11	1,17
Egg	Item	293	406	215	203
	index	1.11	1.54	0.82	0.77
Sum over indexes		5.57	12.7	6.5	6
Ranking		4	1	2	3

EurAsEC countries ranking in per capita basic agricultural production in 2012

Note: *The indices are counted by the author.* 

In addition to the aforementioned, production volumes predetermine the potentials for export. Table 3 shows Armenia's export and import of certain agricultural products with EurAsEC countries. The data clearly demonstrates that in this sphere, Armenia has trade arising from comparative advantages only with Russia, as such products, in production of which Armenia has high level of specialization, are only exported to Russia. In particular, these are "Edible vegetables and certain roots and tubers", "Edible fruit and nuts; peel of citrus fruit or water-melons", and "Fish and crustaceans, mollusks and other aquatic invertebrates" commodity groups, which export volumes exceed import volumes in trade with Russia. Nevertheless, with mentioned commodity groups Armenia's trade balance with Belarus has negative value (with the exception of the "Edible fruit and nuts; peel of citrus fruit or water-melons" product group), while in trade with Kazakhstan, these commodity groups are not included at all.

In fact, fruits and vegetables exported from Armenia in this region's food markets, which are competitive, are not exported to Belarus and Kazakhstan in large quantities, in relation to the commodity and logistics complex system (Table 3).

Table 3

	Russia		Belarus		Kazakhstan	
	Export	Import	Export	Import	Export	Import
Meat and	-	0,1	-	116,3	-	-
meat products						
Fish and	11609.1	313.9	38.3	53.7	-	-
lobsters						
Milk and	1497.2	3628.3	-	2409.0	-	-
dairy, bird						
eggs						
Vegetables	935	501	-	5,8	-	-
Fruit	14051.4	1,4	40,3	6,4	-	-
Grain	4.4	54261	-	-	-	21366.9
Sugar	13.6	2424.3	-	25.3	-	7.7

The volumes of Armenia's export and import of certain foodstuffs to EurAsEC member states in 2011(thousand dollars)

Note: The table is compiled according to the Statistical yearbook of Armenia 2012.

Despite the sufficient development level of Armenia's dairy products market, those goods are not competitive in the EurAsEC market, which can lead to import volumes increment after joining the Customs Union. Armenia's export potential in other products is low.

Thus, Armenia's main trading partner for foodstuff trade in the frame of EurAsEC is Russia. However, Armenia, being a small country, is unable to meet the demand of the Russian market especially due to the fact that within this sphere in Armenia, there are problems related to the backwardness of the technological sector, labor productivity, and the insufficient competitiveness of the products. This is why it's necessary to deepen cooperation in the fields of science and innovation, concentrating efforts on t he transition to agrarian innovative development.

## Litriture

1. Джадралиев М. (2010) Экономическое взаимодействие в агропромышленном комплексе стран СНГ. Аналитический обзор. № 10. Евразийский банк развития. Алматы: РУАН.

2. Проекты в агропромышленном комплексе государствучастников, http://www.eabr.org/r/projects/example-projects/ index.php?id\_4=91.

3. Economic Cooperation in Agricultural Sector of C IS Countries // Sector report, March 2010.

4. Food Safety and Agricultural Health management in CIS countries: completing the Transition // Agricultural & Rural Development; THE WORLD BANK, Washington DC, 2007.

5. Mizik T. The Diversity of Agriculture in Former Soviet and Western Balkan Countries FAO Regional Office for Europe and Central Asia

Policy Studies on Rural Transition No. 2010-2.

6. Statistical yearbook of Armenia 2012, National statistical service, Yerevan 2012, p. 440-470.

7. http://www.trademap.org/index.aspx?ReturnUrl=%2fCou ntry SelProduct.aspx.

Представлена в редакцию 19.11.2013 г.