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Ukraine

Tree Nuts Annual

Walnuts Annual Report

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Report Highlights:

Ukraine is forecast to produce around 100,000 metric tons (MT) of walnuts in marketing year (MY) 2016/17 sliding below MY 2015/16 production levels due to weather conditions. MY 2015/16 production is itself raised to 115,000 MT, 13,000 MT above USDA official forecasts. Exports are expected to continue to account for over half of Ukrainian walnut production even though their volume is forecast to decline 74,520 MT in MY2015/16 to 59,200 MT in MY2016/17. MY 2015/16 exports are forecast 11,000 MT higher for 2015/16 than USDA official forecasts. An expected decrease in domestic consumption will further boost exports. The European Union and the Middle East are expected to remain major markets for Ukrainian walnut exports.

Commodities:

Walnuts, Inshell Basis

Production:

Despite the forecast increase of walnut production areas in Ukraine up further to 16,300 ha for MY2016/17, FAS Kyiv forecasts decrease of production volume down to 100,000 MT due to unfavorable weather conditions in Spring 2016. Dry spring conditions have led to some water deficiencies early in the season, which is expected to reduce yields. Meanwhile, major increases in areas planted will take time to show up in production. For MY2015/16, production is forecast at 115,000 MT, 13,000 MT higher than USDA official forecasts, due to a larger harvested area.

Walnut production in Ukraine remains distributed throughout the country. Various regions have been producing walnuts as well as hazelnuts for many years, as climate conditions and soil in Ukraine are suitable for growing nut trees. Three decades ago, when there was no private land ownership in Ukraine, walnuts were produced by collective farms in the Soviet planned economy. Some of those orchards are over 40 years old, but still bear walnuts, though at much lower yields.

According to the data by the State Statistics Service of Ukraine (SSSU), in 2015 about 85 percent of all walnuts harvested in Ukraine were produced by small private family farms that harvest trees growing on their land plots or in vicinity of these. This category of producers is not concerned with application of fertilizers and agrochemicals and is using manual labor for harvesting and shelling walnuts. Harvested walnuts are then sold to intermediaries, who assemble batches designated for further exports.

Starting in 2009, Ukrainian farmers began developing walnut orchards for commercial purposes. The average size of these plantations ranges from 20 hectare (ha) up to 50 ha. Some regions, especially in central and southern Ukraine, require irrigation to secure expected yields, while orchards in the northern part of the country may not have as high of yields as a result of cooler climates. Total area of commercially-grown walnut trees in 2015 reached up to 2,500 ha, 31 percent increase against 2014 area.

This data confirms industry reports that farmers are investing in development of high-yield commercial orchards consisting of multiple walnut varieties involving irrigation and application of fertilizers. According to industry sources, certain commercial growers have already planted up to 500-600 ha of walnut orchards. Initial investments required to establish an orchard range from \$1,200 to \$1,800 per ha.

Producers prefer Ukrainian origin seedlings, although due to the increase in demand and the inability of local seedling producers to meet such a demand, some new seed varieties are being imported from neighboring Moldova and Belarus. The Ukrainian State Registry of plant varieties (in [Ukrainian](#)) lists over 30 different varieties for walnuts, allowing commercial growers to pick varieties that would be commercially sustainable in their area.

Most of Ukraine's individual walnut producers do not treat trees for diseases. However, with more commercial walnut production coming online and taking over poorly managed and aging orchards, these newly established producers are said to pay greater attention to production technologies (beyond

irrigation) to increase growing efficiencies. For example, these growers are conducting research into ideal growing areas, investing in nurseries to improve genetic stocks, and applying fertilizers and pesticides to their orchards.

New walnut orchards are expected to start bearing fruit five to seven years after being planted. At the start of the production age, walnut tree yields are low; they increase gradually and will reach their prime anywhere between fifteen to twenty years. Average yields of the newly planted trees (upon maturation) are expected to be higher than that of the older stock, due to improved commercial varieties.

According to industry reports, commercial walnut production yield has increased as has the quality of the end product. The most advanced walnut producers have purchased the whole range of equipment allowing them to perform shelling and packing of their product. At the same time, sorting is predominantly done manually to ensure the quality and consistency of batches for the end product. Walnut production in Ukraine is still a labor intensive business for the most part with the majority of walnuts harvested by hand or rudimentary nut picking devices used by the previous generation of growers.

Another part of the business that is of interest to commercial growers is walnut wood, which is used for furniture manufacturing locally, as well as some exports. Other products related to walnut value-added production are treated leaves for medicinal use and walnut (green/young nut) preserves. In recent years, demand for walnut oil from primarily EU importers has surfaced, creating a niche market Ukrainian producers are pursuing. The domestic market in Ukraine has also generated some demand for walnut oil as a gourmet food and a key ingredient in the premium segment of natural cosmetic products.

Total walnut planted area in Ukraine expanded up to 16,200 ha in 2015, and almost 4 percent increase compared to 2014 and almost reaching the 2013 level according to the SSSU data. This trend suggests that the influx of new commercial orchard plantings is overriding the reduction in production area caused by older orchards from the Soviet period being gradually chopped down. Similarly, yields from newly planted varieties managed with improved production technologies using irrigation, fertilizers, pest and disease control by commercial growers has offset the declines in production resulting from cuttings of old walnut orchards.

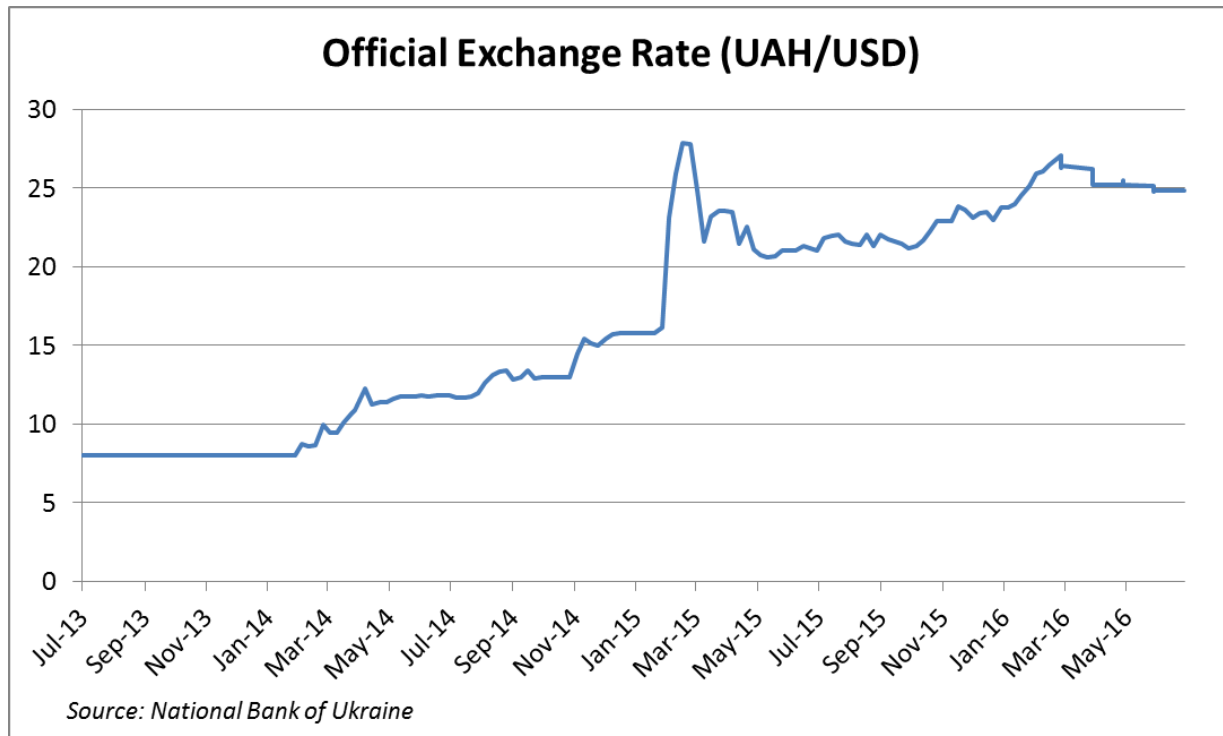
Consumption:

Walnut consumption is estimated to decrease in MY2015/16 down to 40,500 MT, over 6.7 percent decrease against MY 2014/15, although this forecast remains about 1,000 MT above USDA forecasts. This decrease is based on SSSU data that point to a decrease of domestic production of bakery and confectionary products as well as chocolate production ranging between 12-47 percent in 2015. Generally speaking a greater portion of processed foods and higher priced confectionary products use walnuts in their recipes or to garnish cakes and baked goods for example. Walnut consumption for MY2016/17 is forecast to remain on MY2015/16 level based on SSSU data on minor changes in bakery, confectionary products and chocolate production for the first half of 2016. Many of these confectionary products are exported.

Although almonds, cashews, pistachios, and Brazilian nuts (in the order of highest to lowest based on consumer popularity) are widely available in local retail outlets, they are usually more expensive than

walnuts. Difficult economic conditions recently experienced by Ukrainian consumers contributed toward a shift away from imported nuts in favor of locally produced walnuts and hazelnuts.

Consumer behaviors are closely tied with the general economic situation. Ukraine's present political and economic crisis has led to a significant devaluation in the local currency (Hryvna – UAH) and a number of trade-related problems associated the devaluation's inflationary effect (for more details see Official Exchange Rate graph below). Total currency devaluation in 2015 reached around 45 percent. Since early 2016, the exchange rate has fluctuated within relatively narrow margins as the result of tight monetary policies in place by the National Bank of Ukraine.



This devaluation of the currency resulted in a slash of imported nuts to Ukraine for MY2014/15 (see table below for details) and that trend continued into MY2015/16 with stabilization forecast in MY2016/17, as for many imported commodities imports have hit near rock-bottom levels. There is no expected growth in imports until the general economic climate recovers in the country.

Select Imports of Tree Nuts in Ukraine

HS Code	Description	Unit	Quantity			% Change MY 2014/15 to MY 2013/14
			MY 2012/13 (Sep 12-Aug 13)	MY 2013/14 (Sep 13-Aug 14)	MY 2014/15 (Sep 14-Aug 15)	
080211	Almonds, Fresh Or Dried, In Shell	T	1,812	1,205	393	-67.39
		USD	10,668,774	8,185,772	3,359,977	-58.95
080212	Almonds, Fresh Or Dried, Shelled	T	797	538	459	-14.68
		USD	5,515,496	4,195,957	4,264,241	1.63
080222	Hazelnuts Or Filberts (Corylus Spp.) Fresh Or Dried, Shelled	T	3,101	2,423	762	-68.55
		USD	16,509,939	14,435,320	7,504,241	-48.01
080250	Pistachios, Fresh Or Dried, Whether Or Not Shelled	T	794	189	0	-100.00
		USD	5,856,420	1,505,757	0	-100.00

Source: World Trade Atlas

Trade:

Walnut exports are estimated to increase up to 74,500 MT for MY 2015/16 mirroring increased volumes of production in combination with decrease in domestic consumption. This is an 11,500 MT increase over USDA official forecasts for MY2015/16.

Exports of walnuts are in most cases managed by private enterprises. An industry group, the Tree Nut Association, was established several years ago to assist walnut market entrants. The Association serves as a consultant to growers in various stages of the business cycle and has had some success in raising production standards in orchards as well as targeting export markets around the world.

Ukraine's walnut exports are usually concentrated on the October through May period. In May, walnuts from the southern hemisphere become available on the world market thus curbing demand and sales of Ukrainian product (particularly to European markets).

The vast majority of Ukrainian walnuts are exported shelled. Ukraine exported around 24,800 MT of shelled walnuts from September 2015 through May 2016, 18 percent increase against the same months of the preceding year. Around 16,900 MT were supplied to Middle Eastern markets and over 5,700 MT to the EU. These regions retain their status as major export destinations. In Middle East largest importers of shelled walnuts were: Iran amounting over 6,200 MT, Iraq – over 5,000 MT and Turkey – over 1,500 MT during the September 2015 – May 2016 period. The major consumer within the EU was France importing over 1,300 MT during the same period.

In-shell exports of walnuts reached almost 9,000 MT from September 2015 through May 2016, 64 percent increase against the same months of the preceding year. Two largest importers of in-shell walnuts were Turkey amounting over 5,600 MT and Iraq – over 1,700 MT during the September 2015 – May 2016 period.

According to industry experts, the average conversion rate between shelled to in-shell walnuts in Ukraine ranges between 33-38 percent. It is expected that this ratio will improve in the future with greater commercial production development. Conversion rates for the recently established walnut

orchards average at about 55 percent, though the share of these plantations is still relatively small so do not have much impact on the national average.

For the purpose of this report, PS&D tables are calculated on the basis of in-shell weight by multiplying the weight of shelled walnuts (HS Code: 080232) by 2.34.

For MY2016/17 Ukraine is forecasted to export 59,200 MT of walnuts, about 20 percent decrease compared to MY2015/16. This decline is primarily due to an expected decrease in volumes of production, while consumption is essentially unchanged. Lower available supplies will constrain exports.

Ukraine hasn't imported any substantial volumes of walnuts due to the strong position of national producers and production volumes reliably exceeding domestic consumption. Taking into account that production volumes tend to be stable and commercial growers are their role in the market, this trend is not likely to cease in the future.

Stocks:

Walnut stocks are difficult to calculate because large quantities are still produced by private family farms that do not report their stock figures and the majority of these tree nuts are stored by private producers. Unless these products are exported, there is no statistical trace of stocks, or production for that matter. As commercial walnut production develops in Ukraine, growers understand that official national data must become available in the marketplace.

Policy:

According to FAS Kyiv's best knowledge Ukraine does not have in place regulatory acts governing walnut production, nor any support programs for this industry.

In 2014 the European Union enacted [Regulation # 374/2014](#) (Regulation) unilaterally reducing or eliminating EU customs duties on goods originating in Ukraine. In accordance with the Regulation EU import duties for walnuts originating in Ukraine have been decreased to zero from the previously existing regular rate of 5.1 percent for shelled walnuts (HS Code 080230) and 4 percent for in-shell walnuts (HS Code 080231). This measure slightly increased the competitiveness of Ukrainian walnuts within the EU market, but hasn't led to significant increases in exports, as Ukraine was already exporting a lot to the EU.

Marketing:

Ukrainians consume walnuts in their everyday diets. It is a common ingredient in dessert-type dishes and in local cuisine. Walnuts are often consumed raw as well as slightly roasted. Walnut oil is becoming a niche product. Cold-pressed oil is highly-valued for its nutritional purposes. Industrial walnut oil production has been on the rise in Ukraine in recent years.

Walnuts are often sold in bulk in farmers' markets in Ukraine (both shelled and in-shell). Local food stores prefer to carry pre-packaged walnuts. However, in this case, the price of walnuts is only slightly

lower than that of the almonds or cashews that are often thought of by Ukrainian consumers as premium-type nuts. Despite this similarity of price for packaged walnuts, consumers view walnuts as lower-priced partly because many Ukrainians have walnut trees in their back yards or summer homes which are grown by relatives or friends and can provide them with sufficient supplies for their family's annual uses. Thus, local consumers are not keen on purchasing packaged walnuts (relative to other tree nuts, where demand for packaged nuts is greater) in retail outlets at prices comparable to imported tree nuts. Ukrainian consumers do purchase almonds and other imported tree nuts on occasion, but the locally-grown walnuts and hazelnuts are the 'go to' nuts they prefer when it comes to day-to-day food choices.

Another market segment of walnut buyers in Ukraine is the confectionary industry. Producers of chocolates, sweets, desserts, bakery products and snacks are the most reliable users of walnuts in the local market. More research needs to be conducted to determine the specifics and trends of this market segment.

Production, Supply and Demand Data Statistics:

Walnuts, Inshell Basis Market Begin Year	2014/2015		2015/2016		2016/2017	
	Sep 2014		Sep 2015		Sep 2016	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Ukraine						
Area Planted	0	15600	0	16200	0	16300
Area Harvested	0	15600	0	16200	0	16300
Bearing Trees	0	13200	0	13500	0	13700
Non-Bearing Trees	0	2400	0	2700	0	2600
Total Trees	0	15600	0	16200	0	16300
Beginning Stocks	1500	1500	1500	1217	0	1297
Production	102740	102740	102000	115080	0	100000
Imports	0	0	0	0	0	0
Total Supply	104240	104240	103500	116297	0	101297
Exports	59600	59603	63000	74500	0	59200
Domestic Consumption	43140	43420	39000	40500	0	40500
Ending Stocks	1500	1217	1500	1297	0	1597
Total Distribution	104240	104240	103500	116297	0	101297
(HA) ,(1000 TREES) ,(MT)						

Author Defined:

Walnut (In Shell) Exports from Ukraine by Destination, MY, MT (HS Code 080231)

Origin	MY 2012/13 (Sep 12-Aug 13)		MY 2013/14 (Sep 13-Aug 14)		MY 2014/15 (Sep 14-Aug 15)		% Change MY 2014/15 to MY 2013/14
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	11,666.0	100.00	7,926.0	100.00	5,640.0	100.00	- 28.84
Middle East	8,824.0	75.63	5,553.0	70.06	4,298.0	76.22	- 22.59
EU-28	1,547.0	13.26	1,273.0	16.06	1,203.0	21.32	- 5.54
Eurasian Economic Union	1,065.0	9.13	76.0	0.96	22.0	0.38	- 71.63
Africa	72.0	0.62	66.0	0.83	0.0	0.00	- 100.00
East & Southeast Asia	0.0	0.00	918.0	11.58	0.0	0.00	- 100.00
Turkey	4,156.0	35.62	1,349.0	17.03	2,703.0	47.93	100.31
Iraq	3,539.0	30.33	3,458.0	43.63	1,254.0	22.23	- 63.74
Romania	931.0	7.98	748.0	9.44	780.0	13.83	4.21
Bulgaria	0.0	0.00	88.0	1.11	383.0	6.78	334.66
Azerbaijan	995.0	8.53	256.0	3.23	143.0	2.54	- 43.96
Iran	22.0	0.19	356.0	4.49	131.0	2.32	- 63.30
India	0.0	0.00	0.0	0.00	96.0	1.70	0.00
Spain	42.0	0.36	0.0	0.00	40.0	0.71	0.00
Jordan	0.0	0.00	0.0	0.00	24.0	0.42	0.00
Bosnia & Herzegovina	0.0	0.00	0.0	0.00	22.0	0.39	0.00
Lebanon	1.0	0.01	89.0	1.13	22.0	0.39	- 75.48
Armenia	0.0	0.00	22.0	0.28	22.0	0.38	- 1.60
Albania	22.0	0.19	44.0	0.56	21.0	0.37	- 52.50
Belarus	5.0	0.04	0.0	0.00	0.0	0.00	0.00
Algeria	50.0	0.43	0.0	0.00	0.0	0.00	0.00
China	0.0	0.00	277.0	3.50	0.0	0.00	- 100.00
Czech Republic	20.0	0.17	20.0	0.25	0.0	0.00	- 100.00
Egypt	22.0	0.19	22.0	0.28	0.0	0.00	- 100.00
France	436.0	3.73	374.0	4.72	0.0	0.00	- 100.00
Georgia	23.0	0.20	0.0	0.00	0.0	0.00	0.00
Germany	22.0	0.18	0.0	0.00	0.0	0.00	0.00
Hungary	22.0	0.19	0.0	0.00	0.0	0.00	0.00
Libya	0.0	0.00	22.0	0.28	0.0	0.00	- 100.00
Lithuania	12.0	0.10	22.0	0.27	0.0	0.00	- 100.00
Macedonia	16.0	0.14	0.0	0.00	0.0	0.00	0.00
Moldova	120.0	1.03	0.0	0.00	0.0	0.00	0.00
Morocco	0.0	0.00	22.0	0.28	0.0	0.00	- 100.00
Portugal	0.0	0.00	21.0	0.26	0.0	0.00	- 100.00
Laos	0.0	0.00	40.0	0.50	0.0	0.00	- 100.00
Italy	42.0	0.36	0.0	0.00	0.0	0.00	0.00
Russia	1,060.0	9.09	54.0	0.68	0.0	0.00	- 100.00
Saudi Arabia	0.0	0.00	22.0	0.28	0.0	0.00	- 100.00
Slovakia	21.0	0.18	0.0	0.00	0.0	0.00	0.00
Syria	88.0	0.75	0.0	0.00	0.0	0.00	0.00
Venezuela	0.0	0.00	18.0	0.23	0.0	0.00	- 100.00
Vietnam	0.0	0.00	601.0	7.58	0.0	0.00	- 100.00
Other	0.0	0.0	0.0	0.0	0.0	0.0	∞

Source: State Fiscal Service of Ukraine

Walnut (In Shell) Exports from Ukraine by Month and Destination, MT (HS 080231)

Origin	Subtotal Sep 2014-May 2015	Jun 14	Jul 14	Aug 14	Subtotal MY 2014/15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Subtotal Sep 2015-May 2016	% Share Sep 2015-May 2016 to MY2014/15	% Change Sep 2015 - May 2016 to Sep 2014 - May 2015
World	5,440.0	65.0	68.0	67.0	5,640.0	22.0	109.0	954.0	1,837.0	779.0	1,103.0	1,056.0	1,634.0	1,443.0	8,937.0	158.5	164.3
Middle East	4,190.0	43.0	46.0	20.0	4,299.0	22.0	44.0	635.0	1,471.0	710.0	1,103.0	908.0	1,624.0	1,362.0	7,879.0	183.3	188.0
East & Southeast Asia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	26.0	0.0	21.0	92.0	∞	∞
Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	16.0	116.0	∞	∞
EU-28	1,160.0	22.0	22.0	0.0	1,204.0	0.0	65.0	60.0	97.0	23.0	3.0	10.0	0.0	0.0	258.0	21.4	22.2
Eurasian Economic Union	22.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	23.0	104.5	104.5
Turkey	2,593.0	43.0	46.0	20.0	2,702.0	0.0	44.0	380.0	971.0	527.0	781.0	748.0	1,138.0	1,076.0	5,665.0	209.7	218.5
Iraq	1,254.0	0.0	0.0	0.0	1,254.0	0.0	0.0	230.0	390.0	160.0	139.0	160.0	424.0	286.0	1,789.0	142.7	142.7
Pakistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	45.0	70.0	∞	∞
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	21.0	∞	∞
Morocco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0	∞	∞
Myanmar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	24.0	∞	∞
Romania	781.0	0.0	0.0	0.0	781.0	0.0	46.0	46.0	92.0	23.0	0.0	0.0	0.0	0.0	207.0	26.5	26.5
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	∞	∞
Spain	40.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Syria	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	∞	∞
Thailand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	26.0	∞	∞
Turkmenistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.0	114.0	22.0	0.0	0.0	0.0	0.0	273.0	∞	∞
United Arab Emirates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	23.0	∞	∞
Uzbekistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	22.0	∞	∞
Vietnam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	45.0	∞	∞
Cyprus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	∞	∞
Georgia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	22.0	∞	∞
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	∞	∞
India	48.0	0.0	0.0	47.0	95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iran	131.0	0.0	0.0	0.0	131.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	45.0	34.4	34.4
Italy	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	∞	∞
Jordan	24.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lebanon	22.0	0.0	0.0	0.0	22.0	0.0	0.0	25.0	0.0	0.0	50.0	0.0	40.0	0.0	115.0	522.7	522.7
Lithuania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	3.0	8.0	0.0	15.0	∞	∞
Moldova	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	24.0	0.0	48.0	0.0	0.0	138.0	∞	∞
Albania	21.0	0.0	0.0	0.0	21.0	0.0	0.0	22.0	22.0	0.0	0.0	0.0	0.0	0.0	44.0	209.5	209.5
Algeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	∞	∞
Armenia	22.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Azerbaijan	143.0	0.0	0.0	0.0	143.0	0.0	0.0	0.0	64.0	0.0	134.0	0.0	0.0	0.0	198.0	138.5	138.5
Bahamas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Belarus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	23.0	∞	∞
Belize	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Bosnia & Herzegovina	22.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulgaria	339.0	22.0	22.0	0.0	383.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: State Fiscal Service of Ukraine

Walnut (InShell) Imports to Ukraine by Month and Origin, MT (HS 080231)

Origin	Subtotal Sep 2014-May 2015	Jun 14	Jul 14	Aug 14	Subtotal MY 2014/15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Subtotal Sep 2015-May 2016	% Share Sep 2015-May 2016 to MY2014/15	% Change Sep 2015 - May 2016 to Sep 2014 - May 2015
World	46.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iraq	46.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: State Fiscal Service of Ukraine

Walnut (In Shell) Imports to Ukraine by Origin, MY, MT (HS 080231)

Origin	MY 2012/13 (Sep 12-Aug 13)		MY 2013/14 (Sep 13-Aug 14)		MY 2014/15 (Sep 14-Aug 15)		% Change MY 2014/15 to MY 2013/14
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	0.0	n/a	0.0	100.00	46.0	100.00	∞
Iraq	0.0	n/a	0.0	0.00	46.0	100.00	0.00
Poland	0.0	n/a	0.0	100.00	0.0	0.00	- 100.00

Source: State Fiscal Service of Ukraine

Walnut (Shelled) Imports to Ukraine by Month and Origin, MT (HS Code 080232)

Origin	Subtotal Sep 2014-May 2015	Jun 14	Jul 14	Aug 14	Subtotal MY 2014/15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Subtotal Sep 2015-May 2016	% Share Sep 2015- May 2016 to MY2014/15	% Change Sep 2015 - May 2016 to Sep 2014 - May 2015
World	0.0	0.0	0.0	1.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	6.0	600.0	∞
EU-28	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	∞	∞
Uzbekistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	∞	∞
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Hungary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
Lithuania	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	∞	∞
United Kingdom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞	∞
United States	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	∞

Source: State Fiscal Service of Ukraine

Walnut (Shelled) Imports to Ukraine by Origin, MY, MT (HS Code 080232)

Origin	MY 2012/13 (Sep 12-Aug 13)		MY 2013/14 (Sep 13-Aug 14)		MY 2014/15 (Sep 14-Aug 15)		% Change MY 2014/15 to MY 2013/14
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	1.0	100.00	2.0	100.00	2.0	100.00	18.81
EU-28	0.0	0.00	0.0	8.11	1.0	32.81	380.56
United States	0.0	0.00	0.0	3.82	1.0	45.20	1306.50
Germany	0.0	0.00	0.0	8.11	1.0	31.68	364.03
Chile	1.0	95.26	2.0	79.34	0.0	16.33	- 75.55
Uzbekistan	0.0	4.74	0.0	7.24	0.0	5.66	- 7.14
United Kingdom	0.0	0.00	0.0	0.00	0.0	1.13	0.00
Moldova	0.0	0.00	0.0	1.49	0.0	0.00	- 100.00

Source: State Fiscal Service of Ukraine

Walnut (Shelled) Exports from Ukraine by Destination, MY, MT (HS Code 080232)

Origin	MY 2012/13 (Sep 12-Aug 13)		MY 2013/14 (Sep 13-Aug 14)		MY 2014/15 (Sep 14-Aug 15)		% Change MY 2014/15 to MY 2013/14
	Quantity	% Share	Quantity	% Share	Quantity	% Share	
World	19,777.0	100.00	28,761.0	100.00	23,061.0	100.00	- 19.82
Middle East	8,147.0	41.19	13,530.0	47.04	11,826.0	51.28	- 12.59
EU-28	6,021.0	30.44	7,728.0	26.87	8,410.0	36.47	8.83
Africa	212.0	1.07	429.0	1.49	459.0	1.99	6.93
East & Southeast Asia	40.0	0.20	5,872.0	20.42	319.0	1.38	- 94.57
Eurasian Economic Union	4,172.0	21.10	412.0	1.43	149.0	0.64	- 63.92
Iran	533.0	2.70	5,073.0	17.64	3,244.0	14.07	- 36.06
Iraq	1,952.0	9.87	3,248.0	11.29	3,239.0	14.04	- 0.30
France	2,033.0	10.28	2,040.0	7.09	1,974.0	8.56	- 3.25
Azerbaijan	1,672.0	8.45	611.0	2.13	1,674.0	7.26	173.92
Hungary	818.0	4.14	1,317.0	4.58	1,438.0	6.24	9.22
Romania	550.0	2.78	2,022.0	7.03	1,330.0	5.77	- 34.23
Moldova	450.0	2.27	703.0	2.44	1,316.0	5.71	87.20
Lebanon	976.0	4.94	1,243.0	4.32	1,166.0	5.05	- 6.26
Greece	527.0	2.66	551.0	1.91	1,041.0	4.51	89.06
Turkey	1,807.0	9.14	1,658.0	5.76	878.0	3.81	- 47.03
Netherlands	485.0	2.45	372.0	1.29	597.0	2.59	60.58
Bulgaria	83.0	0.42	144.0	0.50	516.0	2.24	257.99
Jordan	159.0	0.81	234.0	0.81	457.0	1.98	95.67
Bosnia & Herzegovina	172.0	0.87	52.0	0.18	430.0	1.86	725.96
Syria	405.0	2.05	783.0	2.72	419.0	1.82	- 46.53
Spain	370.0	1.87	261.0	0.91	407.0	1.77	56.23
Georgia	388.0	1.96	0.0	0.00	356.0	1.54	0.00
Germany	292.0	1.48	243.0	0.85	257.0	1.11	5.55
Austria	118.0	0.60	119.0	0.41	228.0	0.99	92.12
Italy	120.0	0.61	0.0	0.00	225.0	0.98	0.00
Algeria	60.0	0.30	218.0	0.76	223.0	0.96	2.06
Vietnam	20.0	0.10	4,115.0	14.31	220.0	0.95	- 94.66
Egypt	33.0	0.17	68.0	0.24	198.0	0.86	191.49
Saudi Arabia	130.0	0.66	201.0	0.70	177.0	0.77	- 11.86
Lithuania	223.0	1.13	211.0	0.73	170.0	0.74	- 19.43
Slovakia	39.0	0.20	100.0	0.35	105.0	0.46	5.05
Thailand	0.0	0.00	249.0	0.87	99.0	0.43	- 60.10
United Arab Emirates	42.0	0.21	355.0	1.23	89.0	0.39	- 74.99
Serbia	229.0	1.16	0.0	0.00	84.0	0.36	0.00
Macedonia	265.0	1.34	0.0	0.00	71.0	0.31	0.00
Armenia	42.0	0.21	25.0	0.09	65.0	0.28	160.00
Belarus	133.0	0.67	87.0	0.30	64.0	0.28	- 27.07
Kuwait	41.0	0.21	62.0	0.22	63.0	0.27	1.43
Albania	0.0	0.00	0.0	0.00	44.0	0.19	0.00
Latvia	54.0	0.28	15.0	0.05	41.0	0.18	173.85
Poland	19.0	0.10	38.0	0.13	39.0	0.17	3.64
Tunisia	119.0	0.60	88.0	0.31	38.0	0.16	- 56.82
Slovenia	20.0	0.10	0.0	0.00	30.0	0.13	0.00
Russia	3,997.0	20.21	279.0	0.97	20.0	0.09	- 92.82
Montenegro	0.0	0.00	0.0	0.00	20.0	0.09	0.00
Belgium	120.0	0.61	13.0	0.04	10.0	0.04	- 20.00
Cyprus	20.0	0.10	40.0	0.14	0.0	0.00	- 100.00
Czech Republic	78.0	0.39	197.0	0.69	0.0	0.00	- 100.00
China	20.0	0.10	219.0	0.76	0.0	0.00	- 100.00
Libya	0.0	0.00	43.0	0.15	0.0	0.00	- 100.00
Laos	0.0	0.00	63.0	0.22	0.0	0.00	- 100.00
Hong Kong	0.0	0.00	1,226.0	4.26	0.0	0.00	- 100.00
Portugal	44.0	0.22	44.0	0.15	0.0	0.00	- 100.00
Other	119.00	0.01	133.00	0.00	2.00	0.00	-98.50

Source: State Fiscal Service of Ukraine