Chinese Walnut

Tashkent, July 11, 2016

China Chamber of Commerce for the Import & Export of Food Stuffs, Native Produce and Animal By-Products (CCCFNA)

Tree Nuts Sub-Chamber
(China Tree Nuts Association)
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<td>Total</td>
<td>1,071,121</td>
<td>1,134,800</td>
<td>1,254,200</td>
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<td>1,521,595</td>
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**Chinese Crop Proportion**

- 2010: 34.45%
- 2011: 37.19%
- 2012: 39.87%
- 2013: 33.85%
- 2014: 34.83%
- 2015: 36.84%
- 2016(estimate): 36.01%

*Source: INC*
The Characters of Chinese Walnut Cultivation

1) The history of walnut was back to 139 B.C, from the Han dynasty, when was 2151 years ago according to the Chinese historical records.

2) There are 21 provinces, autonomous regions and capital cities from north, west, north west and south west parts of China growing walnuts.

3) 90% of the walnuts are grown privately by the peasants in the countryside.

4) 90% of the walnuts are grown in the hilly and mountain areas.

5) Yield per tree is low but growing area is large. It is also a greenery project in China to recover the bare land.

6) All crops are hand picked. There is almost no mechanical harvesting in China at the moment.

7) 50% of the drying is Sun dry and 50% of drying by machine.
Chinese Walnut Growing Area:
**About Chinese Walnut Crop:**

Species: There are mainly two species i.e. *Juglans regia* L. and *Juglans sigilatta* Dode. From these two species there are about 386 different varieties created in Chinese walnut growing history.

Varieties: Depending on growing areas, dry, wet, cold, low landscape, highland etc. From 386 varieties of walnuts grown in different areas the major varieties are about 80 according to the Chinese Botanists.

Consumption: 95% of the Chinese walnut crop consumed locally in China

Target acreage until 2020: 500,000 hectare (including old and young trees, bearing and non-bearing hectares)

Crop update: crop is at about 600,000 metric tons from this coming season.

Planting area: in 21 provinces, autonomous regions and capital cities of China.

Yield per tree: It depends on area and variety. It is in between 5 kg till 20 kg.

Intention: China targets to get up to 1,000,000 metric tons of walnut in shell in the next 5 to 10 years.

Growing Reason: * It is a greenery and oil reserve project from the government.
* Good demand and high prices encourage growers to grow more walnuts.
* Most of the Chinese know the health benefit of walnut. It is the 1st preference nut in tree nut consumption in China.
* It helps peasants in poor area to change their poor life in selling walnut due to good income.
Chinese walnut variety: Over 50 varieties grown in 21 provinces
Following are the major varieties from Shanxi Province
Ancient Walnut Tree in China

Over 1,000 years old tree in Xin Jiang

Over 500 years old in Shanxi
Walnut Nursery (Shanxi Province)
Walnut Grown in hilly area of Shanxi Province

Walnut Grown in hilly area of Yunnan Province
Chinese walnut farms with irrigation system in Shanxi Province
Chinese walnut Farm in Xin Jiang
Uygur Autonomous Region
Chinese Walnut Harvest in a mountain area (Yunnan Province)
Chinese Walnut Market (No. 1 choice in tree nut)

1) Medical purpose:
Walnut is a kind of Chinese herbal produce (Chinese medicine). It last long in Chinese history. It is well known by the Chinese that walnut is good for human brain and kidney. It is always used as an ingredient of Chinese herbal tea for Chinese medical treatment. Chinese herbal doctors suggest that a person should take 2 pieces of in shell walnut per day for health benefit. If we take 2 in shell per day (about 30 gm), with 30% of Chinese population (400 million only) follows that China needs about 12,000 m/t in shell walnut per day and 4.38 million m/t per year. It is potential.

2) Roasted and Salted in shell for snack. It takes about 20% of the market shares.

3) Different kinds of flavoring walnut kernels, such as roasted/salted, honey or sugar coated, chili and spicy, walnut meats with cereals for breakfast etc.

4) Walnut oil for cooking and cosmetic.

5) Walnut milk for daily drink. It is becoming popular in China.

6) Ingredient of candy, bakery, confectionary, ice cream and cooking of Chinese food.

7) Sales of walnut products are from traditional way to modern way such as hawkers, vegetable market, distributing center, chain stores, super markets and internet sales.

8) Media promotion—new paper, magazine, books, T.V. advertisement and Chinese doctor medical prescription.
Chinese Walnut Medical Introduction

Walnut, also known as Juglans Regia.
According to Uygur Medicine, walnut improves blood quality and nourishes brain, heart and kidney and helps to live longer.
Walnut Sales in China---Vegetable Market
Chinese Walnut Sales--Hawker
Walnut Sales in China—Distribution
Walnut Sales in Supermarket
兴林富民，让梦想照进现实
——聚焦云南大理核桃产业“三台模式”

本报记者 杨诚

移动电话用户达2000多户，电话普及率和电话普及率均超过90%。该模式下，核桃产业的发展壮大，农民收入显著提高。该模式下，核桃产业的发展壮大，农民收入显著提高。

“三台模式”是云南大理核桃产业发展的基本模式。该模式下，核桃产业的发展壮大，农民收入显著提高。该模式下，核桃产业的发展壮大，农民收入显著提高。

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【图片】

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【图片】
Publisher—Walnut Books
Improvement of Chinese Walnut Cultivation

1) Improve good varieties in different growing regions.

2) Increasing yield per tree from the existed trees.

3) Summarize the cultivation in hilly/mountain area and improve the management.

4) Improvement of N.I.S drying and mechanical shelling.

5) Provide more technical know-how to growers on good variety and good yield.
China mainly export walnut meats. Shipment has been declined since 2009 due to strong consumption of walnuts in the local market.
China import certain amount of in shell and shelled walnut from other origins of the world such as California, USA, Australia, Chile, Eastern Europe, India and other Central Asian countries.
Import of in shell walnut and meats have been increasing since 2009 due to strong local demand but slow down in last 2 years due to local crop picked up
How overseas walnut imported into China

1) The reason of the import (Purpose):
* Variety adjustment: China needs more Extra light color in shell walnut and meats.
* Focus good variety and good quality of in shell walnut and meats from overseas.
* The demand needs special varieties that China do not grow.

2) Specification required on imported walnut (Customer required):
* Free Fatty Acid must be less than 2%
* Peroxide Value must be less than 3 meq per kg
* Variety must be correct and no blending
* Size must be uniform both on in shell and meats
* Moisture must be correct that less than 4% meat basis to avoid moldy in transportation
* Aflatoxin: B1, B2, G1, G2 each less than 1 ppb
* Microbiological test report required, such as Salmonella, E.Coli, Coli Form, Yeast & Mold etc.
* Do not blend varieties, size and old/new crop in order not to hurt the market and demand

3) Documentation required on both in shell and meats (Chinese Customs and CIQ required):
Certificate of Origin issued by Chamber of Commerce or government dept.
Phytosanitary Certificate issued by quarantine dept.
Packing List staying net weight, gross weight, packing material,
Certificate of Non Wooden Product in the container
Insurance policy on CIF terms for Chinese destination
Commercial Invoice
Full set of Ocean Bill of Lading
Certificate of Quality, Quantity and Weight
Certificate of Fumigation
Important issue of walnut exported to China

1) Chinese walnut buyers know the quality from different origins of the world very well based on specification of each origin.

2) Extra light in shell and Extra Light Walnut Meats from Chandler and Serr varieties are required.

3) Correct information from oversea’s shippers.
   * What kind of varieties that you offer with variety, size, meat yield, appearance etc.
   * Accurate shipment.
   * Do not mix up variety and size from different varieties.

4) Specification in details up to CIQ requirement.

5) Build up good business relationship with Chinese royal buyers. A good relationship is essential.

6) Market information exchanges in regular basis between China and other growing countries.

7) Price of in shell or meat must be competitive against other origins, especially California and Australia.

8) Clear contract terms and conditions.

9) Reputation of overseas suppliers and brands built in China’s walnut market.

10) Standards and specification of in shell and shelled walnuts are strongly required by the Chinese walnut importers.

12) To meet quarantine requirement of CIQ on imported in shell and shelled walnuts.
Quarantine requirement on in shell and shelled walnuts into China  
(by CIQ: China Inspection and Quarantine Authority)

1) Certificate of Origin issued by the Chamber of Commerce or Agricultural Department of the export countries is the 1st key point from the Chinese Customs due to different duty involvement.

2) Phytosanitary Certificate is another important document for passing through CIQ.

3) The following insects are strictly prohibited to be found in walnut products coming to China.
   
   * Azbrotesus subfasciatus (Boheman)
   * Ptinus fur
   * Trigonogenius globulus (Solier)
   * Aridius nodifer
   * Linepithema humile

   Phytosanitary Certificate should mention those insects are not to be tested in the export loads to China.

4) Packaging must be up to Chinese Food Safety Packaging Standard. Each package must be marked with Origin, name of packer or other shipper, production date and date of expiry.

5) CIQ will seriously check each shipment on arrival. If quarantine objects found the whole lot might be rejected or get them burned as treatment.
Thank you