

CHINA NUTS AND ROASTED SEEDS INDUSTRY

PHASE VI 2021 TOTAL EIGHTY-NINTH ISSUE

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**Whole Society Concern
Whole Industry Focuses on
“Healthy Nuts Boost Wonderful Life”**

**—— “2021 9.17 China
Nuts Health Week”
Succeeded**

指导单位：中国食品工业协会坚果炒货专业委员会
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PRODUCTION UP 40%



THE CIRCULATING HOT AIR IS BLOW IN RIGHT LEFT UP DOWN. PARTITION TEMPERATURE, MULTI-PURPOSE DRYING.

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APPLICATION : DRYING OF SUNFLOWER SEEDS, WATERMELON SEEDS, PEANUTS, PUMPKIN SEEDS, PECANS, ALMONDS, DAILY NUTS AND OTHER NUTS, FOOD, GRAIN, POTATO CHIPS AND OTHER MATERIALS.

PRODUCTION UP 30%
ENERGY CONSUMPTION DOWN 40%



INTERMITTENT HOT AIR CIRCULATION DRYER

APPLICATION : DRYING SUNFLOWER SEEDS, WATERMELON SEEDS, PEANUT, PUMPKIN SEEDS, WALNUTS, FLAT WALNUTS, PECANS, MACADAMIA NUTS, DAILY NUTS ETC.

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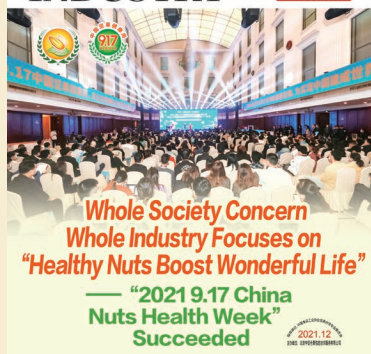
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Sunshine .
Taste

CHINA NUTS AND ROASTED SEEDS INDUSTRY

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CONTENTS

DEC 2021



08 Industrial Economy

08 Quality Competition in Consumer Market:
New Chinese Products Broke the Icey?

10 Industrial chain

Market

10 Three Squirrels Focuses On Off line Distribution
—2023 Distribution Business Income
Is Expected To Reach Rmb 5Bln

Product

12 Be&Cheery Launches “Yangguang Guopai” to Lead
Snack New Age with Healthy and Customized Products

Equipment

13 AIR CIRCULATION SYSTEM
—— Linyi Lanshan District Feilong Food Machinery Co., Ltd.

Accessories

14 Development and Preparation of Natural Salted Egg Yolk
Essence—— Shanghai Huabao Flavor Co., Ltd.

Raw

15 China Nuts Report: Prediction of 2021 / 22 Yield and Import
/ Export Volume

Plant

16 MANAGEMENT OF SESAMES FOR HIGH YIELD

18 Window of the world

- 18** 2021/22 Argentina Soybean Yield Will Increase 2.2% YoY
- 18** Myanmar’ s Sesame Growers Face Losses This Year
- 18** Switzerland’ s Cashew Nuts Import from Vietnam Soared in 5 Years
- 19** California August Almonds Delivery Report Released
- 19** Tanzania Desiderates to Improve Cashew Nuts Local Processing Capacity
- 20** Predicted Pistachio Yield in Iran Drops 70,000t
- 20** Italian Hazel Nuts Yield Dropped
- 20** Vietnam Cashew Nuts Trade Deficit Reaches USD 1Bln

22 Nutrition and Health

- 22** Nutritional Of Almonds
- 23** Nutritional Of Walnuts
- 24** Nutritional Of Lotus Seeds



A Letter of Invitation for New English Electronic Edition of China Nuts And Roasted Seeds

China Nuts And Roasted Seeds is under the guidance of the Specialized Committee for Nuts and Roasted Seeds of China National Food Industry Association and sponsored by Beijing Zhongjian Heguo Information Technology Service Co., Ltd., <http://www.csnc.cn> and www.chinanutexpo.com. It is currently the only domestic guiding journal for the nuts and roasted seeds industry. To make the world's nuts industry know more about China's nuts and roasted seeds industry, to integrate China's nuts industry into the global nut economic and trade integration, and to cooperate with the global peers for win-win results. To adapt to this new development trend, since April 2020, China Nuts And Roasted Seeds has added an English electronic version to serve as an exchange of information for nut enterprises, the industries and associations worldwide. We are sincerely soliciting contributions from domestic member enterprises, as well as domestic and foreign readers, professional scholars, and nuts and roasted seeds practitioners. The contents and scope of the contributions are concluded as follows:

- I. Popularize the performance and experience of the enterprise and its leaders (chairman and general manager) (please attach the working photos of the enterprise and leaders at the same time);
- II. Introduction to working attainment and experience: workshop management, technology, process, quality, quality management, product development, inspection and other working attainment and experience;
- III. Popularize the latest scientific research achievements of the enterprise (raw

material planting, nutrition, technology, equipment, additives, etc.) and the promotion of new products (in Chinese and English);

IV. Marketing experience and introduction: attainment and experience in warehousing, transportation, wholesale, product sampling, direct selling and terminal markets, business negotiation and contract signing, etc.

V. Solicit the information needed by the enterprise, such as the information consultation on raw material purchase, equipment purchase, talent recruitment, etc.

VI. Put forward the relevant suggestions and opinions to the Magazine;

VII. The members of the Magazine's expert panel shall provide 2-3 professional manuscripts each year, which may be prepared by themselves or recommended.

VIII. Manuscripts may be provided in both Chinese and English. Welcome to contribute and recommend your manuscript! Requirements for manuscript solicitation: manuscript shall be in the form of electronic document.

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Information Consulting Service Table for China Nuts And Roasted Seeds in Chinese and English

The Chinese and English versions of China Nuts And Roasted Seeds also receive the information consulting services from relevant enterprises and associations at home and abroad. The specific contents are concluded as follows:

I. Information Consulting Service Charge for Chinese Version

1. Consulting Service Price

Category A: RMB 18,000/Page/Year for Single Page (6 Issues of Internal Pages + 1 Issue of the Journal)

RMB 35,000 Yuan/Year for Continuous Pages (6 Issues of Internal Pages + 1 Issue of the Journal)

Category B: Enterprise Special Service: Carry out the special popularization (including pictures, interviews, popularization reports, etc.) in the specific consideration of the needs of the enterprise. Consult the staff of the Association for the specific details.

Category C: 4-Cover Services (Bimonthly, Six Issues a Year)

Front Cover: RMB 45,000 yuan/year (no single issue); Back Cover: RMB 38,000 yuan/year (8000 yuan/issue)

Cover II: RMB 28,000 yuan/year (5000 yuan/issue); and Cover III: RMB 28,000 yuan/year (5000 yuan/issue)

Full Page Position of English Contents: RMB 25,000 yuan/year (4500 yuan/issue)

Full Page Position of Copyright: RMB 25,000 Yuan/Year (4500 Yuan/Issue)

2. Rights and Interests in Consulting Services

All the aforesaid three categories may enjoy the following services: 1. Free 3 copies of magazines each issue throughout the year; 2. One page (A4) published in each issue throughout the year to popularize the colorful pages of the enterprises or products, or to popularize the latest scientific research achievements of the enterprise (raw material planting, nutrition, technology, equipment, additives, etc.) and the soft-text promotion of new products. 3. Other consulting services provided, such as the industrial standards, policies and regulations.

3. Production Requirements

Front Cover Size: 210*206mm (to set aside a reading guidance position);

Cover II/Cover III/Back cover/Inner page size: 210*285mm; precision requirements for four covers and inner pages: 300DPI; format requirements: JPG, PSD, TIF, EPS, AI; Leave 3mm around each to extend or expand.

II. Information Consulting Service for the English Electronic Magazine

1. Consulting Service Price

Category A: RMB 10,000/Page/Year for Single Page (6 Issues of Internal Pages + 1 Issue of the Journal) (2000 Yuan/Issue)

RMB 15,000 Yuan/Year for Continuous Pages (6 Issues of Internal Pages + 1 Issue of the Journal) (3000 Yuan/Issue)

Category B: Enterprise Special Service: Carry out the special popularization (including pictures, interviews, popularization reports, etc.) in the specific consideration of the needs of the enterprise. Consult the staff of the Association for the specific details.

Category C: 4-Cover Services (Bimonthly, Six Issues a Year)

Front Cover: RMB 20000 yuan/year (no single issue); Back Cover: RMB 15000 yuan/year (3000 yuan/issue)

Cover II: RMB 10000 yuan/year (2000 yuan/issue); and Cover III: RMB 10000 yuan/year (2000 yuan/issue)

Full Page Position of English Contents: RMB 12000 yuan/year (2500 yuan/issue)

Full Page Position of Copyright: RMB 12000 Yuan/Year (2500 Yuan/Issue)

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Quality Competition in Consumer Market: New Chinese Products Broke the Ice





This is not only the battle of new consumer market, but also a revolution of recognition and technology around “people, goods and market”. Under the background of “dual-circulation” development pattern and retroaction of consumption demand on supply, the new consumption trend in traditional market is breeding and growing.

New consumption pattern has taken initial shape

Consumption is final demand, and also lasting power of economic growth. New consumers, new varieties and new channels set up new consumption pattern. Current consumers pay more attention to elements of “personality, Chinese products, appearance attractiveness, interest and health”, and accept Chinese products better than the former generation. Market entities are the most sensitive to changes in the trend of industry. The consumers born in 1990s and 2000s rapidly become the main force of new consumption. They are well-educated, and contact information fast. They have higher demands for live quality than the former generation who pay more attention to “low price” than “good quality” when shopping; but people more prefer “good quality” and public praise. Nowadays, infrastructure service capacity such as e-commerce, logistics and express

is better, bringing more opportunities to expansion of consumption scenarios and business modes.


Focus on new changes in FMCG field. Products turn from compressed cost, price competition and channel priority to product priority, emphasis on consumer experience and higher sense of product value.

Rising of new domestic brands

Facing the opportunity of domestic general consumption market, the problem is how to transfer consumer’s demands to new power of the industrial development, which shows vast consumption potential. Some domestic new consumption brands are expected to stand out, and become promising competitors of overseas consumption brands.

There is no new or old retailing mode, or pure online or offline consumption mode in the future around consumption reform. Instead, enterprises shall check which mode is appropriate according to the development stage of the industry and enterprise.

Qualitative change of consumer market

Quality improvement of consumer market is not price improvement but further solution of market difficulties with products and services to meet different consumer demands and segmented product functions. It pays more attention to optimization of consumption scenarios. 

Three Squirrels Focuses On Off line Distribution

—2023 DISTRIBUTION BUSINESS INCOME
IS EXPECTED TO REACH RMB 5BLN



On Oct. 16, Three Squirrels announced its offline distribution plan on the press conference for distribution of strategic new products. Wu Feng, the General Manager of Distribution Division disclosed that the income from its distribution service in 2021 is expected to reach RMB1.8 billion; distribution business in 2023 will realize annual sales target of RMB5 billion as a whole.

In accordance with the Snack Food Consumption Trend Report in the New Consumption Age released by Ministry


of Commerce, in 2018, Three Squirrels launched its distribution channel and mainly relied on Ali Retail Link and JD New Channel platform, covering over 400,000 terminal outlets. The Company launched new channel service in 2019 and 2020, and established two channels of platform-based distribution and direct supply through wholesale, covering 540,000 terminal outlets. In 2021, Three Squirrels established medium distribution system, added headquarter functions of Marketing Department and Planning Department, launched five districts, and established teams in 21 provinces and regions.

For the reason why the Company started focusing on distribution service, Zhang Liaoyuan, the Founder of Three Squirrels, said at present the entire nuts market scale in China is nearly RMB70 billion, in which online scale is about RMB 50 billion, including half offline bulks and half pre-packed products. “Three Squirrels owns 20% online market share, in a relatively leading status; however, our offline market share is only 2%. It is a optimal opportunity for all of our distributors because main offline fields are our millions of terminal outlets. In next 1-2 years, once we focus on distribution channel, the market blank will be filled.”

Three Squirrels selects nuts products for its offline distribution channel because nuts are the variety that could help it rapidly set up its competitive advantages. Zhang Liaoyuan said in the nineth anniversary of Three Squirrels that the Company will take the following two steps in the future: focusing on nuts, and creating main brand of Three Squirrels to an outstanding nuts brand; transferring



single-brand to multi-brands, and bringing Chinese food to the world by means of multiple brands. Nuts unblock the offline distribution channel for Three Squirrels, and subsequently

the Company will fully sub-brand selected snack. “After the campaign for the Spring Festival, we will create over 20 sub-brands, and all put them to the distribution system.” 

Be&Cheery Launches

“Yangguang Guopai” to Lead Snack New Age with Healthy and Customized Products

Recently, the snack dessert brand Be&Cheery launched “Yangguang Guopai” series dried fruits products, which are comprehensive upgrades of former dried products.

Be&Cheery “Yangguang Guopai”

It is learned that “Yangguang Guopai” products contain seven varieties including Zhenxiangpai Dried Mango, Zhenxiangpai Dried Strawberry. The fruit-shape packages attract consumers through live streaming and brand-new package vision.

Health-oriented nuts series are upgraded.

It is known to all that fruits have necessary nutritional ingredients that human body requires. However, in the fast life tempo, “inconvenient” diet scenarios may make many people reduce fruits intake. The dried fruits solve such difficulties. The convenient points such as free from cleaning, peeling and long-term reservation attract consumers attentions.

Facing such a problem, Be&Cheery upgraded its dried fruit products this year, and launched “Yangguang Guopai” dried fruit products. The fat content per 100g product is less than 2g. Raw material selection is also improved.


The major single product daily nuts adopt eight varieties raw materials around the world and emphasize balanced nutrition and health ideas from refined treatment of processing technology to innovative development of fresh packaging.

The coming “Today’s Energy” series will provide energy supplementation everyday to common fitness consumers



through high-protein, high-fiber, low-fat and low-sugar healthy products.

The “artificial meat” series released the other day adopt vegetable protein raw material, which could meet healthy consumption demand for “zero-cholesterol” and “zero-TFA” meat products.

As snack food turns to diets and food substitutes, Be&Cheery pursues the balance of taste and nutrition. By innovation in upstream food material selection, process and packaging, it keeps expanding healthy product ideas to fields of nuts, meat and dried fruits and creating diversified healthy snack products. 

AIR CIRCULATION SYSTEM

Linyi Lanshan District Feilong Food Machinery Co., Ltd.

In the production process of nuts such as walnuts, the link of finished products drying plays an important role. However, the use, functions, convenience and energy-saving performance of equipment used during drying are also important. According to some problems proposed by clients, we handled one by one, and designed to upgrade the equipment based on analysis so as to produce brand new equipment complying with demands of clients.

Function characteristics and contents of scientific technology
The product of former dryer design with 2020 air circulation device is launched. The equipment is comprised of dryer cover (including automatic or manual sliding door), automatic temperature-control direct-fired hot blast heater, industrial combustion machine, automatic humidity-control moisture-removal fan, intelligent control system and linking air flue.

1. Reduce 25~30% fuel gas cost.
2. Be able to customize based on original dryer, single-layer or double-layer optional
3. The equipment can provide centralized moisture removal, and essence processing equipment is added to improve workshop environment and essence flavor.
4. The new hot blast heater configured to the equipment adopts micro-positive pressure combustion chamber, and air-fuel ratio is free from impact of the induced draft fan. Larger heat exchange air duct is adopted with maximum allowable air volume of 10000m³/h.
5. The heat supply mode with separated hot air circulating loop and moisture-removal loop is adopted with independent tidal drainage outlet.
6. The moisture-removal volume will be controlled automatically according to inside humidity; the lower the material humidity is, and the lower the gas consumption will be.
7. The real-time hot air circulating loop cooperates with new air arrangement structure could guarantee even and consistent

temperature and humidity of all materials inside the case.

Aspects for improvement

The drying machine adds a part of circulating equipment to make the equipment wider and higher so that production space of some clients is not enough. Therefore, we strive to revise and particularly customize the machine according to requirements of clients.

Comprehensive comparison to domestic and overseas similar studies and similar technologies at present

*Take peanuts and walnuts drying as example.
We provide the following data:*

	Average energy consumption of peanut drying	Average energy consumption of walnuts drying	Temperature control mode
Traditional drying machine	Averagely 9--11m ³	Averagely 9--11m ³	Manual
Add air circulation system	Averagely 6--8m ³	Averagely 6--8m ³	Automatic



Development and Preparation of Natural Salted Egg Yolk Essence

Shanghai Huabao Flavor Co., Ltd.

With fresh yolk as raw material, this project gets natural salted egg yolk essence products with thick flavor and exquisite taste by high-speed shearing and high pressure homogenization after adding flavourzyme for hydrolysis, adding fresh salted egg yolk and glucose, and adding salad oil as solvent for thermal reaction.

This project belongs to biotechnology field. It gets pure natural products which reach leading level in China.

The natural salted egg yolk essence prepared according to the method is characterized in pure, natural and rich flavor of salted egg yolk, meanwhile the product is heat-resisting.

Detailed contents of technology:

1. Confirmation of yolk enzymolysis technology

With hydrolysis degree of protein as index, flavourzyme is selected to carry out single factor experiment: Enzymolysis temperature (30℃ , 35℃ , 40℃ , 45℃ , 50℃), enzymolysis time (1h, 2h, 3h, 4h, 5h), addition volume (0.2%, 0.4%, 0.6%, 0.8%, 1.0%); confirm optimal value under various conditions, and carry out orthogonal experiments of three factors at three levels to confirm final enzymatic hydrolysis parameters.

2. Confirmation of salted egg yolk thermal reaction technology

Suitable amount of salted yolk is added to the yolk hydrolysate acquired to generate thermal reaction with glucose. Salad oil is used as reaction solution. The conditions of single factor experiment is: Mass ratio of yolk hydrolysate



and salted egg yolk (5:1, 4:1, 3:1, 2:1, 1:1); mass ratio of total yolk and glucose (15:1, 12:1, 9:1, 6:1, 3:1); reaction time (1h, 2h, 3h, 4h and 5h); reaction temperature (70℃ , 80℃ , 90℃ , 100℃ , 110℃); confirm optimal value under various conditions, and carry out orthogonal experiments of four factors at three levels to confirm final thermal reaction parameters.

3. Confirmation of post-processing technology

Since egg yolk is thermosensitive substance, which could be solidified under high temperature and have water content. In order to guarantee stability of oily essence, high-speed shearing and high pressure homogenization are carried out to make products stable and even.

Directly applying to nuts and roasted seeds, the product could make the food more fragrant and lingering aftertaste. The product is extensively applied, and can be directly used in food such as bakery and cakes. The market is promising. 🇨🇳

China Nuts Report:

Prediction of 2021 / 22 Yield and Import / Export Volume

Walnuts

China is the largest walnut producer in the world, and its yield is accounting for nearly half of the global yield. In 2021/22 season (from Sept. 2021 to Aug. 2022), the yield of commercial-level quality walnuts (unshelled) is nearly in tie with that in the previous season. As more new seedlings put into production ceaselessly, the total yield of walnuts in China will continue to keep growing in next years.

There are over 50 walnut varieties in China, mostly local varieties. In terms of export, the export volume of shelled and unshelled walnuts in China is expected to rise slightly in 2021/22 season. The main destinations are Central Asia and west Asia.



Almonds

In 2021/22 season (from Aug. 2021 to July 2022), the yield of almonds (shelled) in China decreased about 7% than that in the previous season. The growing area largely holds the line with that in the previous season. Nearly 95% almonds in China are produced in Shache County, Xinjiang. In 2021/22 season, the almonds import volume of China is expected to increase; USA is the largest supplier, followed by Australia.

Pistachio

It is estimated that about 20% pistachio yield will flow to Chinese market. In 2020/21 season, Iran is the largest pistachio supplier of China, with 65% importing from Iran. In 2021/22 season (from Sept. 2021 to Aug. 2022), due to lower yield in Iran, the import of pistachio in China will be reduced.

Macadamia nuts

In 2021/22 season (from Sept. 2021 to Aug. 2022), the yield


of unshelled macadamia nuts and shelled macadamia nuts will respectively increase 5% and 9% on year-on-year basis.

As the nut variety developing the fastest in China, macadamia nuts are mainly planted in hilly area of Yunnan Province and plain area of Guangxi Province.

In 2021/22 season (from Sept. 2021 to Aug. 2022), the commercial plantation area of hazel nuts are mainly in Liaoning, Jilin, Heilongjiang, Shandong, Inner Mongolia and Hebei. Meanwhile, the yield of wild hazel nuts in China are large, mainly in Liaoning Province.

US hazel nuts are popular among Chinese consumers due to large size, and the export (unshelled) to China has kept stable for a long time. The shelled hazels are mainly imported from Turkey and used for food processing.

Pecans

In 2021/22 season (from Sept. 2021 to Aug. 2022), the yield of pecans in China is expected to double than that in the previous season. As more seedlings put into production in the future, the yield will continue to keep growing. 

MANAGEMENT OF SESAMES FOR HIGH YIELD

1. Proper growing time: the suitable time for sesame sowing in Spring is May, while in Autumn is July.

2. Sesames prefer environment of loosen and fertile soil with good drainage and fertilizer maintenance capacity. . Base fertilizer, particularly well-done farmyard manure, or organic fertilizer or compound fertilizer such as urea and potassium chloride shall be applied to sesames.

3. The over-dense plantation may affect blossom and fruit bearing. Thin out sesame seedlings when they grow 2 and 5-6 primary leaves to remove weak seedlings and reasonably prune growing density.

4. Main diseases that sesames suffer are bacterial and fungal infections, including common bean blight, leaf blight and anthracnose. Spray kunlunfeng leaf fertilizer 2-3 times every 10 days to resist the disease, add nutrition and improve yield.


5. The irrigation requirement of sesames is medium; the relative humidity of soil shall be maintained at 60%; the lower humidity is to the disadvantage of sesame growth, the excessively high humidity or water logging may add disease incidence rate or weaken root breathing.



6. Spray CCC twice to leaves surface to control vigorous growing in the seeding period or vigorous growing period. The effect with pinching is more obvious.

7. Sesames are planted for crop rotation with the same families. The way may add incidence rate of diseases and insect pests. Therefore, when growing sesames, it is necessary to avoid rotation of similar crops or adjacent growing of crops with the same family. It is favorable to sow in turns with soybean, yam, wheat and cotton; it

is suggested to grow sesames every other two years in the same field, which could help improve yield and quality of sesames and other crops.

8. The grains of mature sesames are relatively small; and the over-mature sesames may directly fall to ground, affecting overall yield. In suitable harvest time, the sesame capsules are light yellow. When shaking the lower part of plants, the capsules may made sounds. The seeds are the best when they show inherent gloss. 

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2021/22 Argentina Soybean Yield Will Increase 2.2% YoY



The soybean yield in Argentina will be increased due to better weather conditions. However, the sowing area will be reduced for the six consecutive year since farmers grew corns in crop rotation.

The predicted soybean sowing area in Argentina in 2021/22 is 16.5 million ha. (40.8 million acres), decreasing 2.4% on year-on-year basis, which is the lowest area in 15 years. Argentina sowed soybeans from the end of October, and started harvest from March.

The 2021/22 corn yield in Argentina will reach the highest record 55 million ton, increasing 8.9% year on year.

This is the first that that predicted corn yield exceeded soybean yield before the sowing season in the past 20 years.

Kabaddi predicted the wheat yield would reach the highest record 19.2 million ton, increasing 13% year on year.

Switzerland's Cashew Import from Vietnam Soared in 5 Years

According to ITC, the import amount and value of cashew nuts in Switzerland respectively grew 13.6% and 12.9%, from 1900t and USD18.98 million in 2016 to 3120t and USD28.24 million in 2020.

Cashew import amount and value from Vietnam respectively increased 20.4% and 19.8% annually, from 742t and USD7 million in 2016 to 1500t and USD12.33 million in 2020.

Statistical data shows in the first six months of 2021 the import amount of cashew from Vietnam reached 777t worth of USD6.52 million, increasing 40.4% and 35.6% respectively.

The market share of Vietnamese cashew in total import amount of Switzerland rose from 38.58% in the first 6 months of 2020 to 53.16% in the first 6 months of 2021. Therefore, Vietnamese cashew have great competitive advantages in Swiss market.

Myanmar's Sesame Growers Face Losses This Year

Sesames yield of most growers in Magway Region is reduced, and some sesames are ruined. Therefore, sesame growers are forced to grow peanuts, and most growers face losses.

Most sesame growers face losses this year. Sesame land is ruined due to abnormal precipitation. Thus, growers started to grow peanuts instead. The yield in sesame field is reduced greatly.

At present, in Magway Region, the price of white sesame seed is MMK43000 per basket (22.5kg) and of black sesame seed is MMK55000 per basket (22.5kg).



California August Almonds Delivery Report Released



In August, the first month of 2021 season, the shipment broke the historical record, reaching 207 million pounds, 7.4% higher on year-on-year basis.

Most almonds delivered in August are produced last year and some are new NP (largely delivered to India). The transfer amount of old products in 2020 season is totally 608 million pounds (in which 344 million pounds are sold but not shipped yet)

The shipment is still restricted by congested shipway and ports. Some ships arranged in August could not be shipped, partly resulting in delay of some shipment scheduled in July (even June) to August.

As of August, amount sold but not delivered is 715 million pounds (the number is 1.055 billion in the same period last year), dropping greatly. The sales volume in August is 138 million pounds (the number is 288 million, also decreased).

At present, the amount sold but not delivered is accounting for 33.7% of predicted yield and 27.6% of total supply amount in 2021, belonging to reasonable interval on YoY basis.

Shipment in August 2021

Shipment to China this month: 78 cabinets of shelled almonds (57 cabinets last year), 113 cabinets of unshelled cabinets (63 cabinets last year), increasing 56%.

Shipment to India this month: 85 cabinets of shelled almonds (3.5 cabinets last year), 1042 cabinets of unshelled cabinets (1282 cabinets last year), increasing 10% (23% for unshelled almonds).

Tanzania Desiderates to Improve Cashew Nuts Local Processing Capacity

As the export season of cashew nuts arrives, the problem of Tanzania's deficiency in cashew processing is increasingly prominent. At present, about 30,000t cashew nuts are processed in local area every year in Tanzania, less than 10% of annual cashew nut yield. CBT said the it would strive to improve local processing capacity for cashew nuts, and plan to improve the local processing proportion to over 60% by 2025/2026. To achieve this goal, CBT has issued policies to guarantee local processing enterprises to purchase raw materials directly from cashew growers, avoiding competition with raw cashew exporters in the secondary market; to strengthen cooperation with local processing enterprises, encourage foreign investors to invest in cashew processing industry, enrich final product varieties of cashew processing and strive to play Tanzania's advantage in cashew production.



Predicted Pistachio Yield in Iran Drops 70,000t

As reported on Sept. 24, due to impact of climate change and COVID-19, secretary general of Iran Pistachio Association believed yield of pistachio in Iran this year will drop 70,000t. Nearly 20% pistachio yield in Iran is supplied to domestic market, and the other is used for export. China and India are main export destinations, and the other 10% is exported to Germany.



Italian Hazel Nuts Yield Dropped

Since 2018 hazel nuts plantation area has increased about 5000ha.; however, under impact of weather and pesticide, national hazel nut yield will drop sharply in 2021-2022 season. The yield of unshelled hazel nuts is expected to be 45,000t-48,000t (136,000t last year), in which, the yield in Piedmont Region will drop 55%, in Lazio Region and Campania Region drop 70%, and in Sicilia drop 80% by prediction.

Vietnam Cashew Trade Deficit Reaches USD 1Bln

From the beginning of this year to Sept. 15, total cashew export of Vietnam reached 398,100t with export value of USD2.5 billion, respectively 18% and 15% higher on year-on-year basis. The largest export market is USA with export volume of 117,505t and export value of USD676.27 million (as of the end of August).

For other major markets, Vietnam exported 51,730t to China with export value of USD 384.5 million; 47,161t to the Netherlands with export value of USD 254.86 million; 11,056t to Canada with export value of USD 73 million.

In terms of import, Vietnam totally imported 107,760t cashew raw materials with import value of USD 139.8 million in the first half of September.

From the beginning of this year to Sept. 15, total cashew import of Vietnam reached 2,368,514t with value of USD3.5 billion, respectively increasing 127% and 171.5% year on year.

It is worth mentioning that in the past eight months, the import volume of cashew exceeded total amount imported in 2020.





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Nutritional of **ALMONDS**



1. Protect skin

Scientific research shows almonds are one of the food with the richest Vitamin E, and a healthy food with rich Vitamin E and flavonoids antioxidant. A handful of almonds (28g or 23 grains) could provide as half Vitamin E as that required by human body; while Vitamin E could effectively resist free-radical, moisturize skin and ease aging.

2. Be good for heart health

The rich content of unsaturated fatty acid in almonds could help reduce “unhealthy” cholesterol. Eating almonds could effectively reduce content of cholesterol and triglyceride fatty acid, and reduce potential treat of heart disease.

3. Protect intestinal canal health

Relevant research findings show Almonds have the characteristics of prebiotics, and could improve intestinal canal health and promote bowel movement by adding beneficial bacterium to intestinal canal.

4. Control weight

First of all, eating almonds could make people feel full so as to help control intake of other high-energy food; secondly, the dietary fiber in almonds could reduce fat absorption ratio so as to effectively control weight.

5. Invigorate the brain

Almonds are good for brain health and growth. For kids, almonds could promote brain and intelligence development; for the middle-aged and senior people, almonds could invigorate the brain.

6. Keep blood glucose level

Studies show compared to eating breakfast not containing almonds, people eating almonds after breakfast and lunch will have better satiety and more reasonably control concentration of sugar in blood. According to scientific research finding, almonds could help patents suffering early diabetics correct improper habits of overeating and reduce risk of illness aggravation. 民華 醫學

Nutritional of Walnuts

1. Improve vascular functions

The rich unsaturated fatty acid in walnuts could soften the vascular cells and protect blood vessel.

2. Reduce blood pressure effectively

Studies proved in recent years that walnuts could help reduce blood pressure. Researchers found one week after eating walnut and walnut oil, average diastolic blood pressure of people is reduced obviously.

3. Reduce the risk of diabetes

Studies show walnuts could reduce the risk of diabetes. Particularly females can lower 33% of diabetes risks by eating over 65g walnut kernels every week.

4. Longevity promoting and anti-aging

The anti-oxidation role of walnuts profits from the Vitamin E. As free-radical scavenger, Vitamin E can protect cells from oxidation of free-radicals, extend cell life and slow down aging.

5. Relax bowel

Walnuts are rich in grease, dietary fiber, polyphenol and polyphenol which could improve intestinal motility and regulate intestinal flora so as to benefit intestinal health.

6. Help improve sleep quality

Walnuts could add three times of melatonin that human body secretes, and help improve sleep quality.

7. Invigorate the brain

Linoleic acid and linolenate are primary structure lipid of brain tissue cell. Sufficient brain tissue cell intake could improve working efficiency of brain. Phospholipid has favorable health care effect for health care effect. Multiple microelements could also boost brain health.

8. Tonify kidney

Kidney is the foundation of health. A healthy kidney could guarantee healthy body. Walnuts are a kind of food to tonify the kidney. The time from 21:00 to 00:00 is the key period for kidney nursing. Eating walnuts before sleep could tonify kidney and absorb air. ❷❸



Nutrition of **LOTUS SEEDS**



Lotus seeds are rich in mineral substances and vitamins such as Ca, Mg, and Fe. The phosphorus element is the constituent part of nuclear protein, promote and maintain acid-base balance of human body, and play an important role in sperm formation. HDTIC oxide in lotus seeds could restrict nasal cancer and pharyngeal cancer. They could resist and prevent cancer. Besides, lotus seeds can not only boost brain, soothe the nerves, improve sleep, clear heat and reduce blood pressure.

The middle-aged and senior people could eat some lotus seeds to enhance immunity, maintain cardiac functions, reduce risks of stroke, dilate blood vessel and lower blood pressure. Lotus seeds could regulate emotions, ease unhealthy emotions, promote sleep and improve

sleep quality. Besides, they could improve vitality of enzyme in human body, and have anti-aging function.

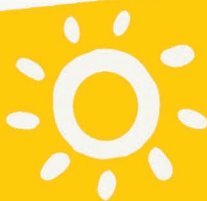
Lotus seeds also contain rich Vitamin B1, B2 and carotene. Higher dietary fiber and water contents could enrich yin and nourish skin, and resist aging. Moreover, lotus seeds could clear lung heat, nourish lung, prevent phlegm from forming and stop coughing. They could effective lose fat and weight for obese people. Therefore, lotus seeds are healthy food for male and female, and the middle-aged and senior people.

Raw lotus seeds can be eaten; fresh seeds have faint scent. However, the core shall be removed when eating the raw lotus seeds because the core tastes bitter and is cool-natured. It is not suitable to eat too much. The dry lotus seeds can be used to cook porridge or soup. In summer, lotus seeds could clear away heat and toxic materials, and prevent from heatstroke. 防暑解热



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Happy time with Bailian

Fujian Bailian Industry Co., Ltd. was founded in 1980s and experienced a high speed growth in 1990s. High holding the philosophy of quality, honesty, efficiency and stability, the company has grown from a trading company into a industrial and trading enterprise that engages in food development, production, sales, real estate investment and high-end property management.

Speaking of food, we specialize in producing leisure food of nuts and roasted seeds, conserved fruit, meat products, etc. With a variety of selection, distinctive favor and high quality, our products receive great welcome from customers. "Bailian melon seeds", as our main product, enjoys good reputation and market share within and beyond Fujian province.

In recent years, our company has been expanding in the northern agricultural park. The move would change the managerial pattern of the company by raw material processing to raw material production. At the same time, following the strategy of "strengthening the primary business and developing appropriately in multi industries", our Company entered the fields of real estate, property, finance, etc. Bailian Group of industry layout will gradually appear.

Our Company will continue to adhere to the business concepts of "people-oriented and keep improving" to enhance communication with all ranks of society to achieve sincere cooperation and mutual development.



Fujian Bailian Industry Co., Ltd.

Customer Service

4008898903

<http://bailian.com.cn> Email: office@bailian.com.cn

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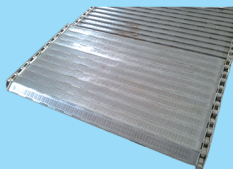


Stainless steel three-layer chain plate air drying cooling line

ACCESSORIES AREA



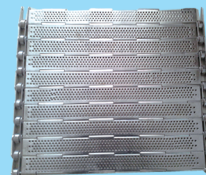
Dryer chain plate



Chain plate
(HOLE 0.9x20)



Sprocket wheel



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(HOLE 3mm)



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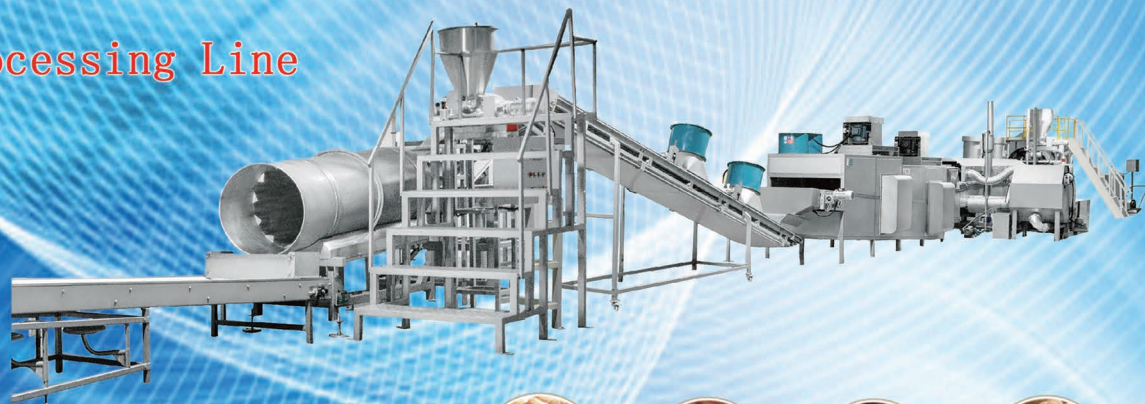
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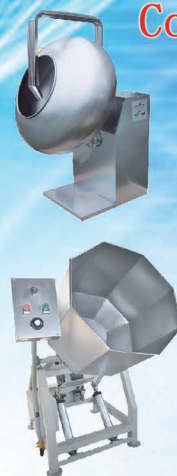


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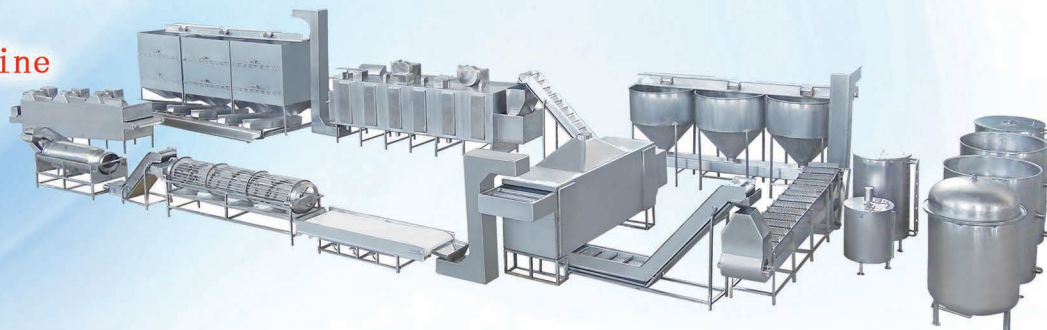
Coated Nuts Roasting Line



Net Belt Continuous Frying Production Line



Nut Roasting Production Line



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