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# China, Peoples Republic of <br> Canned Deciduous Fruit <br> Annual <br> 2007 

## Approved by:

Maurice House
FAS Beijing
Prepared by:
Jorge Sanchez, Wu Bugang and Frances Wei

## Report Highlights:

The United States is the top market for Chinese canned yellow peaches, with the number growing between 40 and 60 percent each year. Canned peach exports are forecast at 115,000 MT in MY2007, up 13 percent from the previous year. China's canned peach production is forecast at 269,000 MT in MY2007, up 15 percent from the previous year, due to strong world demand and a growing domestic market. Canned pears, canned mixed fruit, and canned apricots are forecast at $64,000 \mathrm{MT}, 33,000 \mathrm{MT}$, and $13,500 \mathrm{MT}$, up 8,23 and 37 percent, respectively, from the previous year, attributed mainly to rapid export market growth. Consumption of canned yellow peaches is growing at an annual rate of 20-30 percent, however growth in other canned fruit is slow. The canning industry rarely receives government support, such as subsidized loans.

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## Executive Summary

Canned peach production is forecast at 269,000 metric tons (MT) in the 2007 marketing year (MY) beginning in June, up 15 percent from the previous year, driven by strong world demand and a growing domestic market. Canned pears are forecast at 64,000 MT in MY 2007, up 8 percent from the previous year, due to stable growth in the export market. Canned apricots and canned mixed fruit are forecast at 13,500 MT and 33,000 MT in MY 2007, up 37 and 23 percent, respectively, compared to the previous year, due to strong world demand.

Canning companies may face shortages of yellow peaches and higher purchase prices this season as yellow peach production growth has not kept pace with canned yellow peach expansion. Major export-oriented canneries have begun contracting farmers to build-up fruit orchards to ensure supplies of raw materials and fruit quality in the future.

Production costs in 2006 increased by 30 percent compared to 2004 because of higher materials costs. Labor costs are also rising as the labor force has become insufficient in meeting the demand in certain areas of China. Industry sources indicate that escalating mechanization levels is the likely next step companies will take in the near future. Despite tight profit margins, large companies are expanding production capacity in order to produce as much canned fruit as possible during the harvest. Increased processing facilities are also aimed at producing more diverse canned products to meet different consumer preferences.

Consumption of canned yellow peaches has traditionally entered in the northern part of China. Recently, consumption has experienced annual growth rates of 20-30 percent. Other canned fruit products, however, are not so popular among Chinese consumers and annual growth in consumption is quite limited. Canned fruit is only consumed in major cities mostly located in northern China and northeastern provinces. The southern China market is also growing but quite slowly. Industry groups and canning companies are planning on investing greater efforts to changing consumer's perception of canned fruit through media campaigns.

The United States is the top market for Chinese canned yellow peaches, with the number growing between 40 and 60 percent each year. Russia is quickly catching up as an emerging market. Japan remains the single largest buyer of canned white peaches although the number is relatively stable. Canned apricots and mixtures are also expecting strong export growth, largely due to strong buying interest from Russia and the United States.

The sales of imported canned fruit through retail channels to individual consumers are relatively minor and limited to expatriates. China's baking industry in China utilizes the majority of imported canned fruit. Overall imported canned fruit is more colorful and with less imperfections of shape, skin or texture.

## Production

Canned peach production is forecast at 269,000 metric tons (MT) in the 2007 marketing year (MY) beginning in June, up 15 percent from the previous year, driven by strong world demand and a thriving domestic market. Canned pears are forecast at 64,000 MT in MY 2007, up 8 percent from the previous year, due to stable growth in the export market. Canned apricots and canned mixed fruit are forecast at 13,500 MT and 33,000 MT in MY 2007, up 37 and 23 percent, respectively, from the previous year, attributed to strong world demand.

Canning companies may face shortages of yellow peaches and higher purchase prices this season as yellow peach production growth has not kept pace with canned yellow peach expansion. Major export-oriented canneries have begun contracting farmers to build-up fruit orchards to ensure supplies of raw materials and fruit quality in the future. A few large companies are also considering building orchards for organic production in response to strong global demand for low- priced organically produced fruit.

Fruit canning is small and one of the least profitable sectors in the canning industry. In addition to rising production costs (such as water, electricity, canning materials, sugar and fuel, the costs of which, according to industry sources, have risen by 30 percent from 2004), labor cost is also increasing and regional labor forces have tightened and become insufficient in certain areas. Industry sources indicate that escalating mechanization levels is the likely next step companies will take in the near future. Currently, production of one metric ton of canned fruit requires about 25 laborers.

Despite increases in production-related costs displacing a number of small canneries, large companies have invested more in new facilities. The reason for doing so is to produce as much canned fruit as possible during harvest, especially for short shelf life fruit like peaches. Increased processing facilities are also aimed at producing more diverse canned products to meet different consumer preferences.

## Trade

China exports a significant portion of the canned fruit it produces, with the exception of canned yellow peaches, which also have a market domestically. Export prices have experienced notable increases as a result of higher production costs and appreciation of local currency. In addition, Chinese companies complain of high tariffs maintained by the United States and the European Union. Despite these difficulties, export volumes are growing precipitously due to strong world demand.

The United States is the top market for Chinese canned yellow peaches, with the number growing between 40 and 60 percent each year. Russia is quickly catching up as an emerging market. Japan remains the single largest buyer of canned white peaches although the number is relatively stable (the Positive List imposed by Japan on imported foodstuffs in 2006 has no major impact on Chinese canned fruit exports, as these products have passed all additional MRL tests). Despite the strong demand for canned pears, especially from the United States, export volumes are not expected to increase as quickly as other canned fruit, because producers are reluctant to accept the orders in the wake of high production costs offsetting profit margins. Canned apricots and fruit mixtures are also expecting strong export growth, largely due to strong buying interest from Russia and the United States.

China imports a limited amount of canned peaches and fruit mixtures for the bakery sector.

## Policy

Although a few agricultural processing enterprises have received subsidized loans from stateowned banks, such cases are rare in the fruit-canning sector. The recent "Five-Year- Plan"
(2006-2010) for the processing food sector published by the Ministry of Agriculture envisions processing facilities for canned fruit and vegetables being built around large cities and in major growing regions in Hebei, Zhejiang, Anhui, Fujian, Shandong, Hunan and Xijiang provinces. The plan provides guidelines and sets targets for the agriculture-related processing industry, however, actual incentives or legislation may be released at a later time. Industry sources indicate one of the supportive measures may be increasing the tax rebate rate for exported farm products, including processed products (export subsidy). Chinese enterprises currently enjoy a 13 percent tax rebate from the government for processed farm products destined for export. Other policy changes may include the establishment of specialized funds for agricultural processing, reform on value-added tax, expanding coverage of policy insurance service, and encouraging the establishment of specialized credit guarantee agencies to facilitate financing services for agricultural processing enterprises.

## Consumption

Canned yellow peaches have been traditionally consumed in China. According to industry sources, annual consumption is growing at 20-30 percent. Other canned fruit products, however, are not so popular among Chinese consumers who believe fresh fruit is healthier and better tasting than its canned counterpart because canned fruit contains preservatives. Another factor adversely impacting consumption is that market inspectors occasionally uncover low quality canned fruit produced by small canneries. Damaged product image contributed to the limited annual growth in consumption. Currently, canned fruit is consumed only in major cities mostly located in northern China and northeastern provinces (Heilongjiang, Jilin and Liaoning). Consumers in the northeast have traditionally accounted for China's canned fruit consumption. Industry sources revealed a remarkable portion of canned fruit is produced and consumed in this region. The southern China market is also growing but quite slowly.

Major canned fruit manufacturers are focusing on international markets and have not bothered to nurture the domestic market. Industry groups, along with canning companies, are planning on investing greater efforts to changing consumer perceptions of canned fruit through media campaigns.

Unlike the United States, the majority of canned fruit sold in China is in class jars. Although production and transportation costs are higher, manufacturers choose to produce canned fruit in glass jars because leery Chinese consumers like to inspect the fruit before making buying decisions.

## Marketing

Most of China's canned fruit manufacturers concentrate strictly on foreign markets. Therefore domestic suppliers do not have many products that can meet local consumers' taste preferences. Manufacturers have limited budget resources dedicated to educating local consumers or conducting massive market campaigns. The industry's marketing efforts primarily focus on the northeast China region that habitually consumes canned fruits. Billboards, bus advertisements and free tasting

are commonly used promotional tools.


With domestic canned fruit consumption so limited, sales of imported canned peaches, pears and apricots through retail channels to individual consumers are minimal. These products are found only at a few high-end retail outlets that target expatriate consumers. One major importer/distributor in Shanghai imports around 100 cases of canned fruit every year supplying his own five stores, which are all situated in expatriate residential areas throughout Shanghai.
Another Beijing imported food distributor imported two 20-foot containers of canned fruit in 2006 and predicted declining demand in expensive imported products. The high-end starrated hotels also rarely use imported canned fruit because they have abundant supplies of various fresh fruit available year-round.

The emerging Chinese baking industry uses the majority of imported canned peaches, pears and apricots. Cakes and other bakery items garnished with sliced fruit including peaches, pears and apricots are common items in China's bakery shops. Consumers may not necessarily eat these fruit garnishes, but colorful and uniform fruits contribute to the appearance of the desert, anchoring new consumers. Compared with locally-produced canned fruit, imported products have the advantage of superior taste and uniform shape and texture and are therefore widely used by bakeries even though imported products cost significantly more than the local product. When the visual appearance is not an important factor, local products will use domestically produced canned fruit in order to reduce production costs. As a comparison, a can of locally produced yellow peaches weighing 425 g costs $\$ 0.67$; an imported can of peaches from Germany weighing 340 g costs $\$ 4.17$.

Tables
Production, Supply, and Demand (PS\&D) Tables
Canned Peaches
PSD Table
Country $\quad$ China, Peoples Republic of

| Commodity | Peaches, Canned |  |  |  |  |  | (MT)(MT, Net Weight) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | Revised |  | 2006 | Estimate |  | 2007 | Fore | cast |
|  | USDA Official | $\begin{gathered} \text { Post } \\ \text { Estimate } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \\ \text { New } \end{array}$ | USDA Official | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \end{array}$ | $\begin{gathered} \text { Post } \\ \text { Estimate } \\ \text { New } \end{gathered}$ | $\begin{array}{\|l\|} \hline \text { USDA } \\ \text { Official } \end{array}$ | Post Estimate | Post Estimate New |
| Market Year Begin |  | 06/2005 | 06/2005 |  | 06/2006 | 06/2006 |  | 06/2007 | 06/2007 |
| Deliv. To Processors | 309000 | 309000 | 309000 | 343575 | 343575 | 343575 | 0 | 0 | 403500 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Production | 206500 | 206500 | 206500 | 234050 | 234050 | 234050 | 0 | 0 | 269000 |
| Imports | 4300 | 4300 | 2598 | 950 | 950 | 4300 | 0 | 0 | 3000 |
| Total Supply | 210800 | 210800 | 209098 | 235000 | 235000 | 238350 | 0 |  | 272000 |
| Exports | 75000 | 75000 | 80827 | 90000 | 90000 | 102000 | 0 | 0 | 115000 |
| Domestic Consumption | 135800 | 135800 | 128271 | 145000 | 145000 | 136350 | 0 | 0 | 157000 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Total Distribution | 210800 | 210800 | 209098 | 235000 | 235000 | 238350 | 0 | 0 | 27200 |

Trade Matrices for Canned Peaches

| Import Trade Matrix |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |
| Commodity | Peaches, Canned |  |  |
| Time Period |  | Units: | MT |
| Imports for: | 2005 |  | 2006 |
| U.S. | 1345 | U.S. | 2244 |
| Others |  | Others |  |
| South Africa | 653 | South Africa | 1271 |
| Greece | 148 | China | 159 |
| Japan | 31 | Greece | 156 |
| China | 16 | Philippines | 18 |
| Thailand | 1 | South Korea | 17 |
| South Korea | 1 | Italy | 12 |
|  |  | Thailand | 2 |
|  |  |  |  |
| Total for Others | 850 |  | 1635 |
| Others not Listed | 0 |  | 0 |
| Grand Total | 2195 |  | 3879 |

Export Trade Matrix

| Country | China, Peoples Republic of |  |  |
| :--- | ---: | :--- | ---: |
| Commodity | Peaches, Canned |  |  |
| Time Period | Units: |  | MT |
| Exports for: | 2005 |  |  |
| U.S. | 13989 | U.S. | 2006 |
| Others | 37938 | Japars | 38498 |
| Japan | 3941 | Russia | 6572 |
| Thailand | 3918 | Yemen | 4930 |
| Russia | 2739 | South Korea | 3710 |
| South Korea | 2472 | New Zealand | 2952 |
| Yemen | 1907 | Mexico | 2446 |
| Canada | 1820 | Canada | 2250 |
| New Zealand | 1256 | Saudi Arabia | 1432 |
| Philippines | 1159 | Estonia | 1276 |
| Saudi Arabia | 922 | Thailand | 1142 |
| Australia | 58072 |  | 65208 |
| Total for Others | 5343 |  | 6931 |
| Others not Listed | 77404 |  | 92529 |
| Grand Total |  |  |  |


| PSD Table |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |  |  |  |  |  |  |
| Commodity | Pears, Canned |  |  |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2005 | Revised |  | 2006 | Estimate |  | 2007 | Forecast |  |
|  | $\begin{aligned} & \hline \text { USDA } \\ & \text { Official } \end{aligned}$ | Post Estimate | Post Estimate New | $\begin{aligned} & \text { USDA } \\ & \text { Official } \end{aligned}$ | Post Estimate | Post Estimate New | $\begin{array}{\|l\|} \hline \text { USDA } \\ \text { Official } \end{array}$ | Post Estimate | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \\ \text { New } \end{array}$ |
| Market Year Begin |  | 06/2005 | 06/2005 |  | 06/2006 | 06/2006 |  | 06/2007 | 06/2007 |
| Deliv. To Processors | 79200 | 79200 | 80256 | 91900 | 91900 | 95120 | 0 | 0 | 102400 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production | 49500 | 49500 | 50160 | 57450 | 57450 | 59450 | 0 | 0 | 64000 |
| Imports | 50 | 50 | 96 | 50 | 50 | 150 | 0 | 0 | 210 |
| Total Supply | 49550 | 49550 | 50256 | 57500 | 57500 | 59600 | 0 | 0 | 64210 |
| Exports | 33000 | 33000 | 33829 | 40000 | 40000 | 42000 | 0 | 0 | 46000 |
| Domestic Consumption | 16550 | 16550 | 16427 | 17500 | 17500 | 17600 | 0 | 0 | 18210 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Distribution | 49550 | 49550 | 50256 | 57500 | 57500 | 59600 | 0 | 0 | 64210 |

Trade Matrix

| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | ---: |
| Country | China, Peoples Republic of |  |  |
| Commodity | Pears, Canned | MT |  |
| Time Period |  |  |  |
| Exports for: | Units: |  | $\mathbf{2 0 0 6}$ |
| U.S. | 14126 | U.S. | 17570 |
| Others | Others | 2647 |  |
| Germany | 4135 | Germany | 2249 |
| Greece | 3146 | Greece | 2226 |
| Japan | 1956 | Japan | 2009 |
| Canada | 1577 | Thailand | 1531 |
| Spain | 1100 | Canada | 1422 |
| Italy | 1033 | Russia | 1206 |
| Yemen | 1000 | Spain | 584 |
| Russia | 989 | Netherlands | 562 |
| Netherlands | 640 | Yemen | 459 |
| Thailand | 421 | Italy | 14895 |
| Total for Others | 15997 |  | 3614 |
| Others not Listed | 4481 |  | 36079 |
| Grand Total | 34604 |  |  |

Canned Apricots

| PSD Table |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |  |  |  |  |  |  |
| Commodity | Canned Apricots |  |  |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2005 | Revised |  | 2006 | Estimate |  | 2007 | Forecast |  |
|  | USDA Official | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \end{array}$ |  | USDA | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \end{array}$ | $\begin{gathered} \text { Post } \\ \text { Estimate } \\ \text { New } \end{gathered}$ | $\begin{aligned} & \hline \text { USDA } \\ & \text { Official } \end{aligned}$ | Post Estimate | $\begin{array}{\|c\|} \text { Post } \\ \text { Estimate } \\ \text { New } \end{array}$ |
| Market Year Begin |  | 06/2005 | 06/2005 |  | 06/2006 | 06/2006 |  | 06/2007 | 06/2007 |
| Deliv. To Processors | 5420 | 8684 | 8400 | 9260 | 9620 | 12800 | 0 | 0 | 17550 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production | 3940 | 6680 | 6424 | 7400 | 7400 | 9850 | 0 | 0 | 13500 |
| Imports | 260 | 340 | 411 | 250 | 250 | 300 | 0 | 0 | 200 |
| Total Supply | 4200 | 7020 | 6835 | 7650 | 7650 | 10150 | 0 | 0 | 13700 |
| Exports | 3100 | 5900 | 5735 | 6500 | 6500 | 9000 | 0 | 0 | 12500 |
| Domestic Consumption | 1100 | 1120 | 1100 | 1150 | 1150 | 1150 | 0 | 0 | 1200 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Distribution | 4200 | 7020 | 6835 | 7650 | 7650 | 10150 | 0 | 0 | 13700 |

Trade Matrix

| Export Trade Matrix |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |
| Commodity | Canned Apricots |  |  |
| Time Period |  | Units: | MT |
| Exports for: | 2005 |  | 2006 |
| U.S. | 24 | U.S. | 127 |
| Others |  | Others |  |
| Russia | 1621 | Russia | 3052 |
| Germany | 1469 | Germany | 1440 |
| Japan | 533 | Japan | 678 |
| Estonia | 446 | Estonia | 587 |
| Canada | 410 | New Zealand | 456 |
| Australia | 311 | Australia | 314 |
| New Zealand | 150 | Canada | 313 |
| UK | 122 | Netherlands | 261 |
| France | 92 | UK | 214 |
| Israel | 87 | Czech Republic | 198 |
| Total for Others | 5241 |  | 7513 |
| Others not Listed | 422 |  | 539 |
| Grand Total | 5687 |  | 8179 |

Canned Mixtures

| PSD Table |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |  |  |  |  |  |  |
| Commodity | Canned Mixtures |  |  |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2005 | Revised |  | 2006 | Estimate |  | 2007 | Forecast |  |
|  | $\begin{array}{\|l\|} \hline \text { USDA } \\ \text { Official } \end{array}$ | Post Estimate | Post Estimate New | USDA | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \end{array}$ | Post Estimate New | USDA | Post Estimate | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \\ \text { New } \end{array}$ |
| Market Year Begin |  | 06/2005 | 06/2005 |  | 06/2006 | 06/2006 |  | 06/2007 | 06/2007 |
| Deliv. To Processors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production | 11100 | 18310 | 17275 | 26540 | 26540 | 26800 | 0 | 0 | 33000 |
| Imports | 1200 | 582 | 742 | 300 | 300 | 2450 | 0 | 0 | 3000 |
| Total Supply | 12300 | 18892 | 18017 | 26840 | 26840 | 29250 | 0 | 0 | 36000 |
| Exports | 9300 | 16212 | 15317 | 24000 | 24000 | 26300 | 0 | 0 | 32800 |
| Domestic Consumption | 3000 | 2680 | 2700 | 2840 | 2840 | 2950 | 0 | 0 | 3200 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Distribution | 12300 | 18892 | 18017 | 26840 | 26840 | 29250 | 0 | 0 | 36000 |

Trade Matrices

| Import Trade Matrix |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | China, Peoples Republic of |  |  |
| Commodity | Canned Mixtures |  |  |
| Time Period |  | Units: | MT |
| Imports for: | 2005 |  | 2006 |
| U.S. | 2 | U.S. | 5 |
| Others |  | Others |  |
| Philippines | 544 | Philippines | 2084 |
| Thailand | 207 | Thailand | 211 |
| Singapore | 17 | Malaysia | 9 |
| Australia | 1 | South Korea | 4 |
|  |  | Italy | 2 |
|  |  | South Africa | 1 |
|  |  |  |  |
| Total for Others | 769 |  | 2311 |
| Others not Listed | 0 |  | 1 |
| Grand Total | 771 |  | 2317 |

Export Trade Matrix

| Country | China, Peoples Republic of |  |  |
| :--- | ---: | :--- | ---: |
| Commodity | Canned Mixtures |  |  |
| Time Period | Units: |  | MT |
| Exports for: | 3151 | U.S. | 2006 |
| U.S. | 2005 | Others | 8741 |
| Others | Canada | 2274 |  |
| Japan | 2071 | Japan | 1229 |
| Canada | 2019 | Germany | 1048 |
| Spain | 1131 | New Zealand | 910 |
| Germany | 485 | lzech Republic | 507 |
| France | 448 | Russia | 454 |
| Australia | 375 | Australia | 450 |
| Russia | 370 | Spain | 447 |
| Puerto Rico | 336 | Yemen | 410 |
| UK | 333 | Netherlands | 407 |
| UAE | 9650 |  | 8136 |
| Total for Others | 3163 |  | 3868 |
| Others not Listed | 15964 |  | 20745 |
| Grand Total |  |  |  |

