## USDA Foreign Agricultural Service

 GAI N Report
## Chile

## Fresh Deciduous Fruit

## Annual

## 2006

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## Report Highlights:

Chile's production forecasts for fresh apples and pears are up following good weather conditions, but table grape production is expected to remain unchanged, as some areas were hit by frost.

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## General Summary

The industry forecasts an expansion in fresh apple and pear production, as weather has been favorable in most growing areas. Table grape production however, is forecasted to remain stable in MY2006 (J an- Dec 2006), as the northern production areas were affected by frost.

Fresh apple exports are forecasted to expand following an increase in output. No changes are forecasted for table grapes as a stable production volume is expected.

## Fresh Apples

## Production

Although it is still early to predict production volume for the coming year, Chile's apple harvest for 2006 is forecasted to increase to 1.2 million tons, an 8 percent increase over last year's harvest as a result of good weather conditions. Exports are also expected to increase as the quality of the production is expected to be good. A smaller harvest in the European Union is expected to contribute to an expansion in exports.

Producers continue to diversify their orchards by planting new and more popular varieties, i.e., Fuji, Gala, Jonathan, Braeburn, Pink Lady and Galaxies. Traditional varieties, such as Red Delicious and its variations (i.e., Richard Red, Starking, etc) are being uprooted and replanted with newer varieties. Red apple varieties still constitute about 70 percent of total output and are grown mainly for the European and the Middle Eastern markets. The principal green variety, Granny Smith, is used both for fresh export (mainly to Europe and the United States) as well as for concentrated apple juice production.

## Crop Area

Although some growers, mainly in Regions VII (Curico-Talca) and VIII (Chillan), continue to replace and increase their planting densities, farmers in other areas are uprooting old orchards. However, in general, the total planted area is on hold due to a significant fall in economic returns observed during the last two years. A strong peso together with increased labor costs due to a mandatory reduction in the workweek from 48 to 45 hours is reducing the competitiveness of the labor-intensive fruit industry in Chile.

## Consumption

Since there are no official domestic consumption statistics for apples, figures are estimated as a residual of production and exports. Because the residual figure includes apples for fresh domestic consumption and for processing, there tend to be large variations in domestic fresh consumption in the PS\&D tables from year to year.

## Trade

A smaller output together with high stocks of apples in the European Union and the United States explains the fall in total exports in 2005. Stocks in the US, were as much as 72 percent higher than the previous year at the beginning of the export season. As a result, exports to the US fell to less than half the norm. Stronger demand, due to lower production in Europe, is expected to prompt increased exports again in 2006. There also will be a larger supply of apples, when compared to the previous year. The U.S. is still Chile's largest single export market for apples.

Red apple varieties account for about two-thirds of exports, but sweet/sour varieties are increasing in share, while Chile's traditional varieties are losing ground. This trend is becoming more evident each year. Production and exports of new varieties, like Fuji, are increasing significantly.

## Policy General

Chile's fruit sector has a voluntary export quality program for apples, table grapes, stone fruit and kiwis shipped to the United States and Europe. Nearly 80 percent of Chile's exports to these two markets are under the auspices of this quality program. The minimum standards are voluntary and will remain the same in 2006 as those applied in 2005. Currently growers and exporters limit the quality control only to fruit maturity. There are no requirements related to the size of the fruit or to the volumes exported. Normally the market sets these requirements.

## Marketing General

Although Chile is a major producer of table grapes, apples and pears, there are some opportunities for imports, particularly when domestic supplies are low or non-existent in the off- season. A major constraint on demand is price. Consumers are accustomed to low prices for in-season apples. In general, the small portion of Chileans who are willing to pay for higher- priced off- season fruit limits the market for U.S. fresh fruit.

On the export side, contractual arrangements between producers and exporters vary according to the exporting company. A large portion of Chilean fruit is shipped on a consignment basis. After the exporter sells the fruit in a given market, all marketing and transportation costs are deducted from the sale price. The remaining amount is given to the farmer, so that he/she can pay his/her production costs and determine his own profit. Some producers receive a guaranteed minimum price for their fruit from the exporters. Often the exporters provide some financing to producers during the growing season. These monies are then deducted from the grower's receipts at the end of the season. In Chile, there are presently over 700 fruit exporters, export companies and/or individual producers that export directly.

Returns to Chile's fresh fruit industry during the last season have been very poor. In many instances, returns reportedly have been lower than the cost of production. This poor profitability is forecast to continue in 2006, due to some ongoing factors. Chile's peso remains strong, reducing returns to growers. Shipping costs have increased. Competition from other countries has increased and the seasonal advantage is being lost due to increasing southern hemisphere competition.

The fresh fruit industry is continuing with its generic promotional campaign in the United States, Mexico, Japan, S. Korea and the European Community. This campaign is cofinanced by producers, exporters and the Government (through Pro-Chile). Approximately 3 to 5 cents of every box shipped to these markets is earmarked for this purpose. The budget for this coming year is expected to be similar to last season at a total of US $\$ 5.5$ million. The Chilean Government contribution is projected to fall to 35 percent of the total amount this year compared to 45 percent last year.

Like last year, approximately US\$ 4 million will be spent in the United States and Canada and the remainder will be spent in the other markets. The main activities paid for with these funds are a media campaign and other promotional activities like cross-promotional point of sales activities with fruit, wine and salmon; a fresh fruit promotional sweepstakes; children's and Hispanic materials; and PR activities. The media campaign is based on TV advertising.

The cross-promotional activity provides for a sweepstakes with grand prize trips to Chile. Entries can only be made through loyalty card purchases of the participating Chilean products. Printed materials include display materials for the Hispanic community, point of sale materials like a pocket fruit guide and variety posters. There is also a website.

| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Apples, Fresh |  |  |  | (HA)(1000 TREES)(MT) |  |  |
|  | 2003 | Revised | 2004 | Estimate | 2005 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[$ New] | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \\ {[\mathrm{New}]} \\ \hline \end{array}$ |  |
| Market Year Begin |  | 01/2004 |  | 01/2005 |  | 01/2006 | MM/YYYY |
| Area Planted | 35775 | 35775 | 35900 | 35900 | 0 | 35900 | (HA) |
| Area Harvested | 30400 | 30400 | 30800 | 30800 | 0 | 31000 | (HA) |
| Bearing Trees | 12620 | 12620 | 12800 | 12800 | 0 | 13950 | (1000 TREES) |
| Non-Bearing Trees | 2230 | 2230 | 2200 | 2200 | 0 | 2230 | (1000 TREES) |
| Total Trees | 14850 | 14850 | 15000 | 15000 | 0 | 16180 | (1000 TREES) |
| Commercial Production | 1242000 | 1242000 | 1150000 | 1110000 |  | 1200000 | (MT) |
| Non-Comm. Production | 10000 | 10000 | 10000 | 10000 | 0 | 10000 | (MT) |
| TOTAL Production | 1252000 | 1252000 | 1160000 | 1120000 |  | 1210000 | (MT) |
| TOTAL Imports | 15 | 17 | 15 | 15 | 0 | 15 | (MT) |
| TOTAL SUPPLY | 1252015 | 1252017 | 1160015 | 1120015 |  | 1210015 | (MT) |
| Domestic Fresh Consump | 118109 | 118111 | 118015 | 115000 | 0 | 138015 | (MT) |
| Exports, Fresh Only | 738906 | 738906 | 700000 | 635000 | 0 | 685000 | (MT) |
| For Processing | 395000 | 395000 | 342000 | 370015 | 0 | 387000 | (MT) |
| Withdrawal From Market | 0 | 0 | 0 | 0 | 0 |  | (MT) |
| TOTAL UTILIZATION | 1252015 | 1252017 | 1160015 | 1120015 |  | 1210015 | (MT) |


| Export Trade Matrix |  |  |  |
| :--- | ---: | ---: | ---: |
| Country | Chile |  |  |
| Commodity | Apples, Fresh |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 118372 | U.S. | 57201 |
| Others |  | Others |  |
| Netherlands | 88107 | Netherlands | 80977 |
| Mexico | 59513 | Saudi Arabia | 47885 |
| Saudi Arabia | 52129 | Spain | 38886 |
| Colombia | 45113 | Ecuador | 38179 |
| Ecuador | 39993 | Colombia | 37208 |
| Spain | 39318 | Taiwan | 34469 |
| Russia | 37941 | Russia | 33644 |
| Peru | 25883 | U.K. | 28543 |
| U.K. | 25739 | Peru | 23436 |
| Italy | 23677 | Venezuela | 22272 |
| Total for Others | 437413 |  | 385499 |
| Others not Listed | 183121 |  | 174666 |
| Grand Total | 738906 |  | 617366 |
|  |  |  |  |
| Note: Years 2005 data are for January through October only. |  |  |  |

## Fresh Table Grapes

## Production

Adverse weather conditions with rain and low temperatures during spring of CY2005, with frost in Region III (Copiapo) and Region IV (Elqui Valley), are expected to reduce total production of the early varieties like Perlette. Thompson and Superior also are expected to be affected significantly. Nevertheless, for other varieties like Red Globe and Flame, a larger out put than last year is projected to help offset the reduction in early varieties. Additionally, harvested area keeps expanding slightly; consequently, total output for the 2006 production season is expected to be similar as the 2005 season.

Chile produces over 36 varieties of table grapes for export. Thompson Seedless, Flame Seedless and Ribier account for the bulk of production. Varieties like Red Globe, Superior Seedless, Crimson and Autumn Royal have increased significantly in the last few years, as most of the replanting has been with these varieties. Table Grapes are planted from Region III (Copiapo) to Region VII (Curico-Talca).

## Crop Area

New plantings have been suspended as economic returns have been affected by increasing costs, competition and a constant revaluation of the peso.

## Consumption

There are no statistics on fresh table grape consumption. A residual figure is used to determine fresh consumption and utilization for processing.

## Trade

Table grape export volumes in 2006 are expected to be similar to the previous year, as production volumes will be similar and due to adverse weather conditions in some growing areas the quality of the production also is expected to be similar to MY2005. As in the past, table grapes are being imported during the off-season. Due to a weaker dollar, these imports could increase significantly. However, transport costs remain high due to low volumes and there is an ample supply of competing low priced fruits available year around.

| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Grapes, Table, Fresh |  |  |  | (HA)(MT) |  |  |
|  | 2003 | Revised | 2004 | Estimate | 2005 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[$ New $]$ | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | $\begin{array}{\|c\|} \hline \text { Post } \\ \text { Estimate } \\ {[\text { New }]} \end{array}$ |  |
| Market Year Begin |  | 01/2004 |  | 01/2005 |  | 01/2006 | MM/YYYY |
| Area Planted | 45490 | 45490 | 47720 | 47720 | 0 | 47727 | (HA) |
| Area Harvested | 40800 | 40800 | 42200 | 42200 |  | 42400 | (HA) |
| Commercial Production | 1070000 | 1070000 | 1100000 | 1100000 |  | 1100000 | (MT) |
| Non-Comm. Production | 5000 | 5000 | 5000 | 5000 | 0 | 5000 | (MT) |
| TOTAL Production | 1075000 | 1075000 | 1105000 | 1105000 | 0 | 1105000 | (MT) |
| TOTAL Imports | 46 | 46 | 50 | 50 |  | 50 | (MT) |
| TOTAL SUPPLY | 1075046 | 1075046 | 1105050 | 1105050 |  | 1105050 | (MT) |
| Domestic Fresh Consump | 115546 | 115546 | 125000 | 115000 | 0 | 115000 | (MT) |
| Exports, Fresh Only | 692916 | 692916 | 730000 | 750000 | 0 | 750000 | (MT) |
| For Processing | 266584 | 266584 | 250050 | 240050 |  | 240050 | (MT) |
| Withdrawal From Market | 0 | 0 | 0 | 0 | 0 | 0 | (MT) |
| TOTAL UTILIZATION | 1075046 | 1075046 | 1105050 | 1105050 |  | d 1105050 | (MT) |


| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | ---: |
| Country | Chile |  |  |
| Commodity | Grapes, Table, Fresh |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 406582 | U.S. | 398211 |
| Others |  | Others |  |
| Netherlands | 60834 | Netherlands | 65703 |
| U.K. | 43862 | U.K. | 49995 |
| Mexico | 30862 | Russia | 25607 |
| Hong Kong | 20512 | Mexico | 25537 |
| Russia | 14618 | Hong Kong | 19703 |
| Spain | 11758 | Spain | 15943 |
| Taiwan | 10178 | So. Korea | 11136 |
| Germany | 9286 | Taiwan | 8931 |
| Japan | 9131 | Japan | 8001 |
| So. Korea | 8462 | Germany | 7033 |
| Total for Others | 219503 |  | 237589 |
| Others not Listed | 66831 |  | 64162 |
| Grand Total | 692916 |  | 699962 |
|  |  |  |  |
| Note: Years 2005 data are for January through October only. |  |  |  |

## Fresh Pears

## Production

Pear production levels were similar for MY2004 and MY2005. For MY2006 a slightly larger harvest is expected, as the pear crop will benefit from positive growing conditions during the spring of CY2005. The latest planting statistics show that total planted area to pears continues to fall. However, industry sources indicate that while replanting old orchards, producers are increasing planting densities, thus maintaining present total production levels in the coming years.

There are over 36 pear varieties grown in Chile. Packam's Triumph and Beurre Bosc make up over 60 percent of Chile's exports. Other important varieties in Chile are Abate Fetel, Coscia, Summer Bartlets and D'Anjou.

## Consumption

As with most other Chilean fruits, mostly export rejects enter domestic marketing channels. Pears are mostly consumed fresh, although some are utilized for processing.

## Trade

Argentina is Chile's main competitor for pear exports, principally to the European Union, which is also Chile's main export market. Close to 50 percent of exports are destined for the EU. As a result Chilean exports will depend on fluctuations in the Argentinean production. Exports levels in 2006 are expected to be very similar to 2005.

| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Pears, Fresh |  |  |  | (HA)(1000 TREES)(MT) |  |  |
|  | 2003 | Revised | 2004 | Estimate | 2005 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate [New] | USDA Official [OId] | Post Estimate $[\mathrm{New}]$ | USDA Official [Old] | Post Estimate [New] |  |
| Market Year Begin |  | 01/2004 |  | 01/2005 |  | 01/2006 | MM/YYYY |
| Area Planted | 10120 | 10120 | 10120 | 9950 | 0 | 9850 | (HA) |
| Area Harvested | 9980 | 9980 | 9980 | 9080 | 0 | 9000 | (HA) |
| Bearing Trees | 4830 | 4830 | 4830 | 4830 | 0 | 5049 | (1000 TREES) |
| Non-Bearing Trees | 115 | 115 | 115 | 115 | 0 | 110 | (1000 TREES) |
| Total Trees | 4945 | 4945 | 4945 | 4945 | 0 | 5159 | (1000 TREES) |
| Commercial Production | 255000 | 255000 | 255000 | 255000 | 0 | 257000 |  |
| Non-Comm. Production | 2000 | 2000 | 2000 | 2000 | 0 | 2000 |  |
| TOTAL Production | 257000 | 257000 | 257000 | 257000 | 0 | 259000 | (MT) |
| TOTAL Imports | 0 | 0 | 0 | 0 | 0 |  | (MT) |
| TOTAL SUPPLY | 257000 | 257000 | 257000 | 257000 | 0 | 259000 |  |
| Domestic Fresh Consump | 71525 | 71525 | 71000 | 71000 | 0 | 72000 |  |
| Exports, Fresh Only | 123475 | 123475 | 124000 | 127000 | 0 | 127000 | (MT) |
| For Processing | 62000 | 62000 | 62000 | 59000 | 0 | - 60000 | (MT) |
| Withdrawal From Market | 0 | 0 | 0 | 0 | 0 |  | (MT) |
| TOTAL UTILIZATION | 257000 | 257000 | 257000 | 257000 | 0 | 259000 | (MT) |


| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | ---: |
| Country | Chile |  |  |
| Commodity | Pears, Fresh |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 22223 | U.S. | 22684 |
| Others |  | Others |  |
| Netherlands | 26414 | Netherlands | 29099 |
| Italy | 12841 | Italy | 11199 |
| Colombia | 8222 | Colombia | 9836 |
| Russia | 7841 | Spain | 7256 |
| Spain | 7000 | Ecuador | 6318 |
| Peru | 4456 | Peru | 6244 |
| Ecuador | 3685 | Venezuela | 5822 |
| Portugal | 3645 | Germany | 4385 |
| Brazil | 3325 | Russia | 3528 |
| Venezuela | 3279 | Saudi Arabia | 2445 |
| Total for Others | 80708 |  | 86132 |
| Others not Listed | 20544 |  | 17611 |
| Grand Total | 123475 |  | 126427 |
|  |  |  |  |
| Note: Years 2005 data are for January through October only. |  |  |  |

## Concentrated Apple Juice

## Production

Chile's production of apple juice concentrate (AJC) primarily reflects foreign demand. Although production fell in MY2005 (Jan- Dec, 2005), due to the reduced availability of apples for processing, total exports were greater than the previous year and greater than expected. Industry sources indicate this occurred because a large amount of AJC was exported during the last month of 2004 but registered in 2005. This explains the large increment observed in ending stocks in 2004. Although it is difficult to forecast production levels for MY2006, apple production is expected to increase due to an increase in the availability of apples for processing. Therefore, production volumes of AJC probably will be larger then in MY2005.

Although the apple juice industry mainly processes export rejects, the AJC industry has been encouraging farmers to increase production of sour-type apples, as well as to expand new plantings of apple varieties mainly for juice purposes. Reportedly the industry is contacting producers directly to obtain apple supplies in an effort of reduce the use of export rejects.

## Consumption

Only a small amount of AJC, principally single-strength juice, is consumed domestically. AJC competes with a variety of fresh and processed juices in Chile.

## Trade

The United States is Chile's largest AJC export market, accounting for over 70 percent of total export sales. Other markets of increasing importance are Japan, Mexico and Canada. Latin American export markets also are growing fast. Levels of AJC exports will depend upon foreign demand and the ability of the industry to compete in international markets against other suppliers such as China.

| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Apple Juice, Concentrated |  |  |  | (MT) |  |  |
|  | 2003 | Revised | 2004 | Estimate | 2005 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[\mathrm{New}]$ | USDA Official [Old] | Post Estimate [New] | USDA Official [OId] | Post Estimate [New] |  |
| Market Year Begin |  | 01/2004 |  | 01/2005 |  | 01/2006 | MM/YYYY |
| Deliv. To Processors | 395000 | 395000 | 342000 | 370015 | 0 | 387000 | (MT) |
| Beginning Stocks | 453 | 453 | 353 | 4429 | 653 | 229 | (MT) |
| Production | 59000 | 59000 | 51500 | 55400 | 0 | 58000 | (MT) |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 ( | (MT) |
| TOTAL SUPPLY | 59453 | 59453 | 51853 | 59829 | 653 | 58229 |  |
| Exports | 58600 | 54424 | 50700 | 59000 | 0 | 57100 | (MT) |
| Domestic Consumption | 500 | 600 | 500 | 600 | 0 |  | (MT) |
| Ending Stocks | 353 | 4429 | 653 | 229 | 0 |  | (MT) |
| TOTAL DISTRIBUTION | 59453 | 59453 | 51853 | 59829 | 0 | 58229 |  |


| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | ---: |
| Country | Chile |  |  |
| Commodity | Apple Juice, Concentrated |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 46160 | U.S. | 33453 |
| Others |  | Others |  |
| Japan | 5885 | Japan | 7232 |
| Canada | 1026 | Mexico | 1527 |
| Mexico | 994 | Canada | 1095 |
| Ecuador | 63 | So. Korea | 255 |
| Dominican Rep. | 61 | Peru | 92 |
| Costa Rica | 42 | Costa Rica | 89 |
| Paraguay | 38 | Jamaica | 81 |
| Peru | 38 | Dominican Rep. | 77 |
| Guatemala | 20 | Ecuador | 56 |
| Panama | 20 | Nicaragua | 39 |
| Total for Others | 8187 |  | 10543 |
| Others not Listed | 77 |  | 174 |
| Grand Total | 54424 |  | 44170 |
|  |  |  |  |
| Note: Years 2005 data are for January through October only. |  |  |  |

