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## Chile

## Tomatoes and Products

## Annual

2006

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## Report Highlights:

Chile's tomato paste production is expected to fall, as planted area will fall. Production of fresh tomatoes is forecast to stay at a similar level to last year.

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## Executive Summary

Our new tomato paste production estimates show output for MY2006 as smaller than last year, as the canning industry contracted a smaller planted area of tomatoes from producers, so total output of tomatoes for processing will fall. Fresh tomato production is expected to stay at similar levels to MY2005, as planting takes place throughout the year.

## Production General

## Fresh Tomatoes

## For Fresh Consumption

Planting of tomatoes for fresh consumption fell slightly back in 2004, as demand shifted to other horticultural products. Industry sources indicated that many marginal tomato producers went out of business or switched to other horticultural products. In spite of an increase in export demand, at least for MY2005, planted area and total output are not expected to increase in the coming years. As exports to Argentina fell due to their change in exchange policy, Chile's main greenhouse tomato producers reduced their production. In the long run, planted area is forecasted to stay unchanged. According to industry sources, domestic demand for tomatoes is not expected to increase in the near future, as other horticultural products have begun to displace tomatoes.

Although greenhouse planted area with drip-irrigation systems has increased during the last few years tomatoes planted in open fields still accounts for 80 percent of the total planted area. Although most tomatoes are produced in the irrigated central valley of Chile, tomatoes for fresh consumption are planted throughout Chile from Arica to Tierra del Fuego.

| Prices Table |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | Chile |  |  |
| Commodity | Fresh Tomatoes |  |  |
| Prices in | Pesos | Per uom | Kg . |
| Year | 2004 | 2005 | \% Change |
| J an | 190.1 | 172.4 | -9\% |
| Feb | 164.2 | 151.8 | -8\% |
| Mar | 158.8 | 153.1 | -4\% |
| Apr | 149.1 | 153.2 | 3\% |
| May | 173.9 | 176.7 | 2\% |
| Jun | 191.7 | 185.6 | -3\% |
| Jul | 186.2 | 173.3 | -7\% |
| Aug | 184.8 | 183.1 | -1\% |
| Sep | 207.5 | 190.9 | -8\% |
| Oct | 213.7 | 257.7 | 21\% |
| Nov | 211.2 | 289.6 | 37\% |
| Dec | 185.0 | 225.6 | 22\% |
|  |  |  |  |
| Exchange Rate | 517 | Local Currency | /US \$ |
| Date of Quote | 4/30/2006 | MM/DD/YY |  |

## For Processing

Total planted area of tomatoes for processing has fallen significantly since MY2003, from an estimated 11,000 hectares to only 8,000 in MY2006. A slight increase is expected again in MY2007 as production in the northern hemisphere, mainly in the US was affected by adverse weather conditions resulting in a significant reduction in output. As a result, the industry in Chile expects prices for tomato paste to recuperate and thus they are increasing production again in response to an expected increasing demand. Industry sources indicated that in the long run planted area is not expected to vary significantly for the coming years, as the tomato processing industry is reportedly producing tomato paste for niche markets and for long-term customers. Presently there are only two processing industries in Chile that produce tomato paste and these reportedly have most of their production committed at the time they fix planting contracts with the farmers. Sources also indicate that in the long run, planted area and production figures probably will not vary significantly as the industry is presently producing at more than 85 percent of capacity. Chile's tomato production (planting and processing) represents less than 4 percent of total world production.

Tomatoes for processing are planted from mid-September through early November of each year and harvested from early-mid January through mid April. During the planting season, frosts are an imp ortant limiting factor in many growing areas. A dry summer, with significant temperature changes between day and night during the growing season, allows
growers to produce tomatoes with a deep red color. Over 95 percent of tomatoes harvested for processing are destined for paste production. The tomato products industry mainly targets the export market.

Tomatoes for industrial purposes are planted in the central area (Regions V through VII including the Santiago Metropolitan Region).

## Tomato Products

## Canned Tomatoes

Chile produces whole peeled, crushed peeled and diced tomatoes. Trade figures and PS\&D tables include all three products since statistics contain no product breakout. Most canned tomatoes are produced for export. Canned tomato production is highly dependent on export demand. Customers in the domestic or export market normally contract yearly production. Canned tomatoes are produced mainly for the Latin American market.

## Tomato Paste

Tomato paste production in MY2006 is now estimated to be less than 80,000 MT. A significant fall from the 115,000 MT produced in MY2003. This resulted mainly due to low international prices during the previous year. The industry in Chile contracts tomato plantings and produces paste according to an expected demand for paste. Farmers plant tomatoes only by contact with the industry. For MY2007, a small increase is expected again as production in the US has been affected by adverse weather conditions.

The paste industry in Chile mainly produces a 30 to 32 Brix product. Small amounts are produced with 28 to 30 Brix for the Japanese market. As a result of industry mergers, sales of processing plants, and joint ventures with foreign companies, there are now only two players in the tomato paste industry in Chile today. The two companies are Aconcagua Foods and Agrozzi. Aconcagua Foods, which used to be Corpora bought several processing plants over the last few years and also established a joint venture with a Mexican Company named La Costena, a leading canned product producer and distribution company. Meanwhile Agrozzi, took control of Malloa, a tomato processing company that used to belong to Lever, a multinational company, and became the largest producer in Chile.

## Tomato Sauce

Tomato sauce production, like canned tomato production, is closely related to export demand. For this coming season a slight decrease in output is expected as industry expects a weaker foreign demand.

## Production Policy

There are no government subsidies for tomatoes. Most imports are subject to a fixed general tariff of 6 percent ad valorem. All products pay an additional 19 percent value added tax.

## Consumption

## Fresh Tomatoes

There are no statistics on domestic consumption in Chile. Usually, we assume no significant change in domestic consumption, although high prices due to a smaller supply may reduce consumption some years. Figures are estimated as a residual of estimated production and export data.

Shelf life influences which tomato varieties are used in Chile. Improved shelf life has allowed growers to produce tomatoes in the extreme north of Chile (Arica) and transport them to major population centers 1,000 miles to the south e.g., Santiago, mainly during the winter season. This development has permitted a constant fresh tomato supply during the entire year, contributing to an increase in total fresh tomato consumption together with a fall in prices over the last four years. However increased competition from other horticultural products is expected to modestly affect domestic consumption of fresh tomatoes over the next few years. The most common varieties planted in Chile are Cal-ace, Marmande raf, Ac 55 vf, Early pack, Napoli and Roma.

## Processed Tomatoes

Since Chilean processed tomato production is mainly for the export market, domestic utilization is fundamentally a residual. As previously mentioned there are no statistics on domestic consumption. However, industry sources point to a moderate expansion in the consumption of paste and sauce, in line with the spread of fast-food and pizza restaurants in Chile.

## Trade

## Fresh

Chile's fresh tomato exports are tied to export demand. Argentina is by far Chile's largest export market. Since Argentina is overcoming last year's economic crisis, exports of fresh tomatoes to that market are expected to return to past levels again. Producers also are increasing their effort to develop new markets

Although Chile can export fresh tomatoes to the U.S., the industry is not optimistic about that market due to fumigation requirements, which reduce the products shelf life and the need to ship the product by air in order to compete in quality with other imports. As a result of limited space in airfreight and competition for that space with more profitable commodities, like berries and salmon, fresh Chilean tomatoes generally are not price competitive with Mexican tomatoes that are produced year round closer to the U.S. market.

## Processed

Tomato Paste: Neighboring Latin American countries are Chile's main export markets. Venezuela is the largest market. Economic instability in most Latin American countries make exports uncertain. But the industry is optimistic, as they believe they have developed a relationship with most of their customers, demonstrating an ability to deliver similar amounts of tomato paste year after year. The two processors indicated that they normally contract planting areas with farmers to produce enough tomato paste to supply their export needs. But, when lower production is expected from the most important tomato paste producer in
the northern hemisphere, the industry increases production hoping to supply an unsatisfied demand.

Tomato Sauce: The industry has been able to diversify the tomato sauce export market, which was highly concentrated. Nevertheless most exports are destined for neighboring Latin American countries, whose economies are more or less stagnant. Consequently, growth in exports is unlikely in the next few years.

Canned Tomatoes: Although the industry is making a concentrated effort to expand markets in neighboring Latin American countries, demand for Chile's canned tomatoes has been falling over the last few years.

| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Fresh Tomatoes |  |  |  | (HA)(MT) |  |  |
|  | 2004 | Revised | 2005 | Estimate | 2006 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[$ [New] | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | Post Estimate [New] |  |
| Market Year Begin |  | 01/2005 |  | 01/2006 |  | 01/2007 | MM/YYYY |
| Plnt For Fresh Consump | 0 | 7000 | 0 | 7000 | 0 | 7000 | (HA) |
| Plnt For Processing | 0 | 9000 | 0 | 8000 | 0 | 9000 | (HA) |
| TOTAL Area Planted | 0 | 16000 | 0 | 15000 | 0 | 16000 | (HA) |
| Harv. For Fresh Cons. | 0 | 7000 | 0 | 7000 | 0 | 7000 | (HA) |
| Harv. For Processing | 0 | 9000 | 0 | 8000 | 0 | 9000 |  |
| TOTAL Area Harvested | 0 | 16000 | 0 | 15000 | 0 | 16000 | (HA) |
| Fresh Sale Production | 0 | 295000 | 0 | 295000 |  | 295000 | (MT) |
| Processing Production | 0 | 648000 | 0 | 608000 | 0 | 702000 | (MT) |
| TOTAL Production | 0 | 943000 | 0 | 903000 | 0 | 997000 |  |
| TOTAL SUPPLY | 0 | 943000 | 0 | - 903000 | 0 | 997000 |  |


| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | :--- |
| Country | Chile |  |  |
| Commodity | Fresh Tomatoes |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 196 | U.S. | 66 |
| Others |  | Others |  |
| Argentina | 744 | Argentina | 148 |
| Brazil | 23 | Spain | 23 |
| U.K. | 10 | U.K. | 8 |
| Japan | 3 | Falkland | 2 |
| Falkland | 1 |  | 181 |
| Total for Others | 781 |  |  |
| Others not Listed | 0 |  | 247 |
| Grand Total | 977 |  |  |


| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Tomato Paste, 28-30\% TSS Basis |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2004 | Revised | 2005 | Estimate | 2006 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[$ New] | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | Post Estimate [New] |  |
| Market Year Begin |  | 01/2005 |  | 01/2006 |  | 01/2007 | MM/YYYY |
| Deliv. To Processors | 757000 | 583200 | 0 | 547000 | 0 | 632000 | (MT) |
| Beginning Stocks | 29102 | 29102 | 29102 | 14013 | 0 | 9613 | (MT, Net Weight) |
| Production | 110000 | 91648 | 0 | 79600 | 0 | 90500 | (MT, Net Weight) |
| Imports | 0 | 0 | 0 | 0 | 0 |  | (MT, Net Weight) |
| TOTAL SUPPLY | 139102 | 120750 | 29102 | 93613 | 0 | 100113 | (MT, Net Weight) |
| Exports | 85000 | 84737 | 0 | 62000 | 0 | 69400 | (MT, Net Weight) |
| Domestic Consumption | 25000 | 22000 | 0 | 22000 | 0 | 22000 | (MT, Net Weight) |
| Ending Stocks | 29102 | 14013 | 0 | 9613 | 0 | 8713 | (MT, Net Weight) |
| TOTAL |  |  |  |  |  |  |  |
| DISTRIBUTION | 139102 | 120750 | 0 | 93613 | 0 | 100113 | (MT, Net Weight) |


| Export Trade Matrix |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | Chile |  |  |
| Commodity | Tomato Paste,28-30\% TSS Basis |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 305 | U.S. | 1728 |
| Others |  | Others |  |
| Venezuela | 21711 | Venezuela | 15422 |
| Costa Rica | 9712 | Mexico | 15323 |
| Japan | 9202 | Costa Rica | 12095 |
| Colombia | 6683 | Japan | 10395 |
| Ecuador | 3682 | Colombia | 6215 |
| Guatemala | 3516 | Argentina | 3879 |
| Mexico | 2464 | Guatemala | 3792 |
| Brazil | 1523 | Ecuador | 3575 |
| Argentina | 1521 | Brazil | 3559 |
| Honduras | 1425 | Honduras | 1929 |
| Total for Others | 61439 |  | 76184 |
| Others not Listed | 10923 |  | 6825 |
| Grand Total | 72667 |  | 84737 |


| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Tomatoes, Canned |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2004 | Revised | 2005 | Estimate | 2006 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | Post Estimate[ New] |  |
| Market Year Begin |  | 01/2005 |  | 01/2006 |  | 01/2007 | MM/YYYY |
| Deliv. To Processors | 5000 | 4600 | 0 | 4600 | 0 | 4600 | (MT) |
| Beginning Stocks | 135 | 135 | 135 | 137 | 0 | 137 | (MT, Net Weight) |
| Production | 4800 | 4400 | 0 | 4400 | 0 | 4400 | (MT, Net Weight) |
| Imports | 0 | 0 | 0 | 0 | 0 |  | (MT, Net Weight) |
| TOTAL SUPPLY | 4935 | 4535 | 135 | 4537 | 0 | 4537 | (MT, Net Weight) |
| Exports | 1600 | 1198 | 0 | 1200 | 0 | 1200 | (MT, Net Weight) |
| Domestic Consumption | 3200 | 3200 | 0 | 3200 | 0 | 3200 | (MT, Net Weight) |
| Ending Stocks | 135 | 137 | 0 | 137 | 0 |  | (MT, Net Weight) |
| TOTAL DISTRIBUTION | 4935 | 4535 | 0 | 4537 | 0 | 4537 | (MT, Net Weight) |


| Export Trade Matrix |  |  |  |
| :---: | :---: | :---: | :---: |
| Country | Chile |  |  |
| Commodity | Tomatoes, Canned |  |  |
| Time Period | Jan-Dec | Units: | M.T. |
| Exports for: | 2004 |  | 2005 |
| U.S. | 784 | U.S. | 205 |
| Others |  | Others |  |
| Japan | 344 | Honduras | 403 |
| Honduras | 299 | Venezuela | 163 |
| Colombia | 263 | Costa Rica | 131 |
| Venezuela | 252 | Colombia | 120 |
| Costa Rica | 125 | Japan | 100 |
| Guatemala | 61 | Guatemala | 33 |
| Falkland |  | Brazil | 21 |
|  |  | Mexico | 17 |
|  |  | Argentina | 4 |
|  |  | Falkland | 1 |
| Total for Others | 1345 |  | 993 |
| Others not Listed | 0 |  | 0 |
| Grand Total | 2129 |  | 1198 |


| PSD Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Country | Chile |  |  |  |  |  |  |
| Commodity | Tomato Sauce |  |  |  | (MT)(MT, Net Weight) |  |  |
|  | 2004 | Revised | 2005 | Estimate | 2006 | Forecast | UOM |
|  | USDA Official [Old] | Post Estimate $[$ New] | USDA Official [Old] | Post Estimate [New] | USDA Official [Old] | Post <br> Estimate[ <br> New] |  |
| Market Year Begin |  | 01/2005 |  | 01/2006 |  | 01/2007 | MM/YYYY |
| Deliv. To Processors | 9500 | 8700 | 0 | 8750 | 0 | 8700 | (MT) |
| Beginning Stocks | 162 | 162 | 232 | 205 | 0 | 215 | (MT, Net Weight) |
| Production | 4650 | 4080 | 0 | 4000 | 0 | 3900 | (MT, Net Weight) |
| Imports | 0 | 0 | 0 | 0 | 0 |  | (MT, Net Weight) |
| TOTAL SUPPLY | 4812 | 4242 | 232 | 4205 | 0 | 4115 | (MT, Net Weight) |
| Exports | 3600 | 3057 | 0 | 3000 | 0 | 2900 | (MT, Net Weight) |
| Domestic Consumption | 980 | 980 | 0 | 990 | 0 | 990 | (MT, Net Weight) |
| Ending Stocks | 232 | 205 | 0 | 215 | 0 | 225 | (MT, Net Weight) |
| TOTAL DISTRIBUTION | 4812 | 4242 | 0 | 4205 | 0 | 4115 | (MT, Net Weight) |


| Export Trade Matrix |  |  |  |
| :--- | ---: | :--- | :--- |
| Country | Chile |  |  |
| Commodity | Tomato Sauce | M.T. |  |
| Time Period | Jan-Dec | Units: | 2005 |
| Exports for: | 2004 |  |  |
| U.S. | 0. | U.S. |  |
| Others |  | Others |  |
| Peru | 1299 | Argentina | 665 |
| Argentina | 656 | Guatemala | 574 |
| Guatemala | 586 | Peru | 435 |
| Colombia | 265 | Mexico | 245 |
| Cuba | 187 | Colombia | 201 |
| Brazil | 93 | Brazil | 170 |
| Ecuador | 92 | Dominican Rep. | 168 |
| Uruguay | 89 | Cuba | 131 |
| Paraguay | 63 | Ecuador | 107 |
| El Salvador | 56 | Uruguay | 98 |
| Total for Others | 3386 |  | 2794 |
| Others not Listed | 193 |  | 263 |
| Grand Total | 3579 |  | 3057 |

