The Present Situation of Fruit Production

• China produced 15.2% of the world total fruits in 2003;
• The No. one producer of apple, and pear accounting for 35.5% and 53.1% of the world total volume respectively.
• No. 2 producer of citrus fruit, with 16 MMT, about 16% of the world production.
Fruit production in China from 1980 to 2004

Years

1000 MT


Fruit Production and Export in China from 1980 to 2004

Years

1000 MT

Categories of Fruits in China
(2004)

- Apple: 28.2%
- Citrus: 17.8%
- Pear: 12.7%
- Peach: 8.4%
- Banana: 7.2%
- Lychee: 1.9%
- Kiwi fruit: 0.5%
- Others: 15.7%

The Composition of Fruit Production in China

- 1980
  - Apple: 28.2%
  - Citrus: 17.8%
  - Pearl: 10.0%
  - Others: 13.0%

- 1990
  - Apple: 28.2%
  - Citrus: 17.8%
  - Pearl: 10.0%
  - Others: 13.0%

- 2000
  - Apple: 28.2%
  - Citrus: 17.8%
  - Pearl: 10.0%
  - Others: 13.0%

- 2004
  - Apple: 28.2%
  - Citrus: 17.8%
  - Pearl: 10.0%
  - Others: 13.0%
1. The Work in the Past 5 Years for Fruit Industry

1.1 The Government Policies Enhanced the Fruit Production

- The shifting of ‘Special crops taxi (12%)’ to ‘Agricultural taxi (6%)’ in 2003; and the latter has been decreased gradually to final cancellation in 2006.
- 5 years ago, the policy of “give up growing staple crops for growing trees” including fruit trees in the hilly and mountainous areas by compensation to the farmers who are the owners of these kinds of land.
Fruit Production and Export in China from 1980 to 2004
1.2 State Developing Plans of Fruits

- In 2002, national developing plan for apple and citrus, and recently for pear.
- The plans have guided the investors and concentrated the producing areas.
1.3 Processing of Fruits Has Increased

- Apple juice, a total of more than 650 thousands MT concentrate apple juice was exported in 2006.
- Citrus canned segments 300 thousands export in 2006.
- Others such as pineapple, peach and kiwi fruits are minors.
Apple Juice company in Shanxi province
1.4 The Improvement of Fruit Quality

- Decreasing the density to improve the micro-environment in the orchards.
- Bio-controlling and physical-controlling the insects
  - Predators of the mites
  - Growing other plants to help the predators of the insects
  - Using the special light in the evening to attract the insects
Navel orange orchard in Jiangxi province
Bagging the Fruits

- Mainly in apple, pear, banana, minorly in loquat, lychee and pummelo for tender and more shining out-appearance, and also for protecting fruits from getting pesticides.
1.5 Extending the Supply Time of Fresh Fruits

- Extending the supply times by varieties, late and early ripening cultivars
- Early marketing by technology such as in the protected plastic-houses for peach and cherry etc.
- Late-harvest technology by hanging the fruits in the tree in special areas for citrus, and prolonging the harvest in the plastic-houses for citrus
Late ripening citrus cultivar ‘Nianju’ tangerine in Guangdong is harvested in April.

‘Fengjie late navel’ orange, 2 months later than the original cultivar Fengjie 72-1, was released in 2005.
The hanging the fruits on the trees technique prolonged the harvest time in navel orange

Satsuma mandarin in plastic house for late harvest
Both color and ripening season mutants of navel oranges

Pink flesh

Deep orange flesh and early ripening

Normal one
1.6 Post-harvest Treatments

• A lot of packinghouses have been set up recently. The capacity of post-harvest has increased sharply and arrived for 15% of the total production in Citrus, and more than 20% for apple.
1.7 Organizations for the Industry and for the farmers

- Bureau of provincial and local government for fruit industry
- Farmer organizations for fruit production or for fruit industry

1.8 The Technology Supporting Facilities

- National breeding (improving) centers for apple and for citrus have been set up
- The virus-free centers of main fruit fruits were also invested in the past years
- The bud-wood and propagation system for apple, citrus and other fruits were established also in the past 5 years
2. Fruit Export and Import of China in CY2005
A total of 3.6 millions MT fruits/fruit products was exported in 2005 from China.

Fresh Fruits Export from China in 2005, a total of about 2 MMT.
Fruit Juice Export from China
About 700 thousands MT in 2005

Canned Fruits Export from China
About 500 Thousands MT in CY 2005
The Export Destinations of Fruit/Fruit Products from China

A total of 3.65 million MT of fruits/fruit production was exported in CY 2005 in China.

The main export destinations of fruits and fruit products from China for CY2005:

1. USA 13.4%
2. Japan 10.9%
3. Mexico 6.9%
4. Vietnam 8.9%
5. Russia 9.7%
6. Hong Kong 6.9%
7. Indonesia 5.7%
8. Malaysia 5.7%
9. Philippines 3.2%
10. Thailand 3.4%
11. Netherlands 4.1%
12. Germany 4.7%
13. Others 20.6%
A total of 1.15 MMT of fruit/fruit products was imported in China in CY2005.
The Supplies of Fruit/Fruit Products for China in CY2005

- Asia: 74.6%
- Europe: 9.8%
- Oceania: 2.7%
- South America: 10.4%
- North America: 1.4%
- Africa: 1.0%
- Other: 16.6%

The Balance of Fruit Export/Import of China in CY2005

- Export: Other processed fruits, Fruit Juice in subtotal, Canned fruits in subtotal, Fresh Fruits in subtotal
- Import: Other processed fruits, Fruit Juice in subtotal, Canned fruits in subtotal, Fresh Fruits in subtotal

The trade surplus is 1.4 billion US $
3. Promoting the Export of Fruits

Factors Affecting the Competitiveness of Fruits

- Ripening and marketing seasons
- Outer and inter Quality
- Quantity
- Convenience
- Costs/prices
- Culture components (certificates, brands etc)

Breeding/cultivars
Culture practices
Post-harvest techniques
Product exploring plans
Promoting the Export

• Bi- and multi- lateral agreements benefits each other and promotes the optimizations of the resources
  – The Sino-Thailand, Sino-other countries in ASEAN of no-tariff agreements for fruits/vegetables

• Farmer organization

Promoting the Export

• Adopting the good agricultural practice in fruit production
• Establish of no-infected areas of quarantine pests/diseases
Thank you for your attentions