### Appendix Box A.1.1

#### Different Rounds of GATT

<table>
<thead>
<tr>
<th>Year</th>
<th>Round</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1949</td>
<td>Annecy</td>
<td>*contracting parties exchange some 5,000 tariff concessions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*entry approved for 10 new GATT contracting parties.</td>
</tr>
<tr>
<td>1951</td>
<td>Torque</td>
<td>*8,700 tariff concessions agreed leading to an overall tariff reduction of approximately 25 percent in relation to the 1947/48 level.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*entry approved for four new GATT contracting parties.</td>
</tr>
<tr>
<td>1956</td>
<td>Geneva</td>
<td>*US $ 2.5 billion of tariff reductions agreed.</td>
</tr>
<tr>
<td>1960</td>
<td>Geneva</td>
<td>*single schedule of concessions agreed for the recently established European Economic Community, based on its common external tariff.</td>
</tr>
<tr>
<td>1961</td>
<td>(Dillon Round)</td>
<td>*4,400 tariff concessions agreed covering US 34.9 billion of trade.</td>
</tr>
<tr>
<td>1964</td>
<td>Geneva</td>
<td>*GATT membership now raised to 50 contracting parties, who account the 75 percent of the world trade.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*a 50 percent cut in tariffs achieved in many areas-tariff concessions covered estimated toll trade value of US $ 40 billion.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*separate agreements concluded on grains and chemical products.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*establishment of a code on Anti-dumping.</td>
</tr>
<tr>
<td>1973</td>
<td>Geneva</td>
<td>*99 countries participated</td>
</tr>
<tr>
<td>Year</td>
<td>Location</td>
<td>Event Details</td>
</tr>
<tr>
<td>------</td>
<td>----------</td>
<td>---------------</td>
</tr>
</tbody>
</table>
| 1979 | Tokyo round | *toll reductions and binding agreed covering more than $3000 billion of trade.  
*average tariff on manufactured goods in the world’s nine major industrial markets reduced from 7 to 4.7 percent.  
*agreement reached on technical barriers to trade; subsidies and countervailing measures, import licensing procedures; government procurement; customs valuation trade in bovine meat, dairy products and civil aircrafts; and a revised anti-dumping code. |
| 1988 | Geneva | *125 countries participated |
*substantial reductions in tariffs on trading goods.  
*for the first time Trade Related Investment Measures, trade in services and Intellectual Property Rights become the subject of multilateral negotiations resulting in specific agreements.  
*establishment of the WTO (equipped with a strengthened Dispute Settlement Mechanism). |
*45,000 tariff concession agreed, covering US $10 billion in trade.  
*commitment to future negotiating ‘Rounds’. |

Source: Autar (2005) PP-13-14
Appendix A.1.2

Present Membership of WTO

Understanding the WTO: The Organization

Members and Observers

153 members on 23 July 2008 (with dates of membership).

Click any member to see key information on trade statistics, WTO commitments, disputes, trade policy reviews, and notifications.

2. Albania 8 September 2000
3. Angola 23 November 1996
4. Antigua and Barbuda 1 January 1995
5. Argentina 1 January 1995
6. Armenia 5 February 2003
7. Australia 1 January 1995
8. Austria 1 January 1995
9. Bahrain, Kingdom of 1 January 1995
10. Bangladesh 1 January 1995
11. Barbados 1 January 1995
12. Belgium 1 January 1995
13. Belize 1 January 1995
15. Bolivia 12 September 1995
16. Botswana 31 May 1995
17. Brazil 1 January 1995
18. Brunei Darussalam 1 January 1995
20. Burkina Faso 3 June 1995
22. Cambodia 13 October 2004
23. Cameroon 13 December 1995
24. Canada 1 January 1995
25. Cape Verde 23 July 2008
27. Chad 19 October 1996
28. Chile 1 January 1995
29. China 11 December 2001
30. Colombia 30 April 1995
31. Congo 27 March 1997
32. Costa Rica 1 January 1995
33. Côte d'Ivoire 1 January 1995
34. Croatia 30 November 2000
35. Cuba 20 April 1995
36. Cyprus 30 July 1995
37. Czech Republic 1 January 1995
38. Democratic Republic of the Congo 1 January 1997
39. Denmark 1 January 1995
40. Djibouti 31 May 1995
41. Dominica 1 January 1995
42. Dominican Republic 9 March 1995
43. Ecuador 21 January 1996
44. Egypt 30 June 1995
45. El Salvador 7 May 1995
46. Estonia 13 November 1999
47. European Communities 1 January 1995
48. Fiji 14 January 1996
49. Finland 1 January 1995
50. Former Yugoslav Republic of Macedonia (FYROM) 4 April 2003
51. France 1 January 1995
52. Gabon 1 January 1995
53. The Gambia 23 October 1996
54. Georgia 14 June 2000
55. Germany 1 January 1995
56. Ghana 1 January 1995
57. Greece 1 January 1995
58. Grenada 22 February 1996
59. Guatemala 21 July 1995
60. Guinea 25 October 1995
61. Guinea Bissau 31 May 1995
62. Guyana 1 January 1995
63. Haiti 30 January 1996
64. Honduras 1 January 1995
65. Hong Kong, China 1 January 1995
66. Hungary 1 January 1995
67. Iceland 1 January 1995
68. India 1 January 1995
69. Indonesia 1 January 1995
70. Ireland 1 January 1995
71. Israel 21 April 1995
72. Italy 1 January 1995
73. Jamaica 9 March 1995
74. Japan 1 January 1995
75. Jordan 11 April 2000
76. Kenya 1 January 1995
77. Korea, Republic of 1 January 1995
78. Kuwait 1 January 1995
79. Kyrgyz Republic 20 December 1998
80. Latvia 10 February 1999
81. Lesotho 31 May 1995
82. Liechtenstein 1 September 1995
83. Lithuania 31 May 2001
84. Luxembourg 1 January 1995
85. Macao, China 1 January 1995
86. Madagascar 17 November 1995
87. Malawi 31 May 1995
88. Malaysia 1 January 1995
89. Maldives 31 May 1995
90. Mali 31 May 1995
91. Malta 1 January 1995
92. Mauritania 31 May 1995
93. Mauritius 1 January 1995
94. Mexico 1 January 1995
95. Moldova  26 July 2001
96. Mongolia  29 January 1997
97. Morocco  1 January 1995
98. Mozambique  26 August 1995
99. Myanmar  1 January 1995
100. Namibia  1 January 1995
101. Nepal  23 April 2004
153 Netherlands — For the Kingdom in Europe and for the Netherlands Antilles  1 January 1995
102. New Zealand  1 January 1995
103. Nicaragua  3 September 1995
104. Niger  13 December 1996
105. Nigeria  1 January 1995
106. Norway  1 January 1995
107. Oman  9 November 2000
108. Pakistan  1 January 1995
109. Panama  6 September 1997
110. Papua New Guinea  9 June 1996
111. Paraguay  1 January 1995
112. Peru  1 January 1995
113. Philippines  1 January 1995
114. Poland  1 July 1995
115. Portugal  1 January 1995
116. Qatar  13 January 1996
117. Romania  1 January 1995
118. Rwanda  22 May 1996
119. Saint Kitts and Nevis  21 February 1996
120. Saint Lucia  1 January 1995
121. Saint Vincent & the Grenadines  1 January 1995
122. Saudi Arabia  11 December 2005
123. Senegal  1 January 1995
124. Sierra Leone  23 July 1995
125. Singapore  1 January 1995
126. Slovak Republic  1 January 1995
127. Slovenia 30 July 1995
128. Solomon Islands 26 July 1996
129. South Africa 1 January 1995
130. Spain 1 January 1995
131. Sri Lanka 1 January 1995
132. Suriname 1 January 1995
133. Swaziland 1 January 1995
134. Sweden 1 January 1995
135. Switzerland 1 July 1995
136. Chinese Taipei 1 January 2002
137. Tanzania 1 January 1995
138. Thailand 1 January 1995
139. Togo 31 May 1995
140. Tonga 27 July 2007
141. Trinidad and Tobago 1 March 1995
142. Tunisia 29 March 1995
143. Turkey 26 March 1995
144. Uganda 1 January 1995
145. Ukraine 16 May 2008
146. United Arab Emirates 10 April 1996
147. United Kingdom 1 January 1995
148. United States of America 1 January 1995
149. Uruguay 1 January 1995
150. Venezuela (Bolivarian Republic of) 1 January 1995
151. Viet Nam 11 January 2007
152. Zambia 1 January 1995
153. Zimbabwe 5 March 1995
Appendix Box A.1.3

The Doha Declaration

The Doha Declaration—comprising of a main Declaration, a Declaration on TRIPS Agreement and public health and a decision on implementation related issues and concerns—launches the future work programme of WTO and includes elaboration and timetables for the current negotiations in agriculture and services and negotiations/possible negotiations in a range of other issues.

**Implementation Issues:** a number of implementation issues have been addressed in the Decision on implementation related issues and concerns including longer time frame (of six months) for compliance with new SPS and TBT measures, moratorium of two years on non-violation complaints under the TRIPS agreement, need for special care for initiation of back to back antidumping investigations within a year and co-operation and assistance by members in investigations relating to declared values. The declaration agrees that negotiations on all other outstanding implementation issues shall be an integral part of the work programme. Where specific negotiations are mandated, relevant implementation issues shall be addressed under that mandate and other outstanding implementation issues shall be addressed as a matter of priority by the relevant WTO bodies, which shall report to the Trade Negotiating Committee by the end of 2002 for appropriate action.

**Agriculture:** the Declaration commits to comprehensive negotiations aimed at: substantial improvements in market access for developing countries; reductions of, with a view to phasing out, all forms of export subsidies; and substantial reductions in trade distorting domestic support being given by the developed countries. It also takes note of non-trade concerns of developing countries and their development needs including food security and rural development. Special and differential treatment for developing countries would be an integral part of the negotiations.

**TRIPS:** the work programme mandates negotiations on establishment of multilateral system of notification and registration of geographical indications for wines and spirits by the 5th session of the Ministerial Conference. The issues related to extension of the higher level of protection of geographical indications to products other than wines and spirits, examination of relationship between the TRIPS Agreement and the Convention on Biological Diversity (CBD), the protection of traditional knowledge
and folklore and other relevant new developments would be addressed by the TRIPS Council as part of the implementation issues. Further, the Declaration on TRIPS and Public Health is one the most significant outcomes of the Doha Conference. It recognizes that the TRIPS Agreement can and should be interpreted and implemented in a manner supportive of WTO members’ right to protect public health and to promote access to medicines for all.

**Special and Differential Treatment (S&D):** The negotiations shall fully take into account the principle of special and differential treatment for developing countries. It has also been agreed to review all special and differential treatment provisions with a view strengthening them and making them more precise, effective and operational.

**Singapore issues:** the issues relating to Trade and Investment, interaction between Trade and Competition, Transparency in Government Procurement and Trade Facilitation will continue to be pursued in the Working Group Study process. Negotiation on these subjects, according to the Work Programme, will take place after the Fifth session of the Ministerial Conference on the basis of a decision to be taken, by explicit consensus, at that session on modalities of negotiations.

**Environment:** Negotiations on limited aspects of trade and environment has been mandated, along with instructions to the Committee on Trade and Environment to pursue its work on all items on its agenda, giving particular to the issues of market access, the relevant provisions of the TRIPS Agreement and labeling.

Negotiations under the work programme are to be concluded not later than 1 January 2005. The conduct, conclusion and entry into force of the outcome of negotiations will be treated as parts of a single undertaking. The overall conduct of the negotiations is to be supervised by a Trade Negotiations Committee under the authority of the General Council.

Source: Government of India, Economic Survey (2001-02)
Appendix Box A.1.4

Key Outcomes and Timelines of Hong Kong Ministerial Declaration

. Resolve to complete the Doha Work Programme fully, and to conclude negotiations in 2006.
. To establish modalities in agriculture and non-agricultural market access (NAMA) by April 30, 2006 and prepare draft schedules by July 31, 2006.

Agriculture
. Agricultural export subsidies to be phased out by the developed countries by 2013.
. However, domestic support would continue implying that agricultural output of the developed countries would still be subsidised.
. On grounds of food security, livelihood security and rural development needs, developing countries will be able to self-designate ‘Special-Products’ which will attract more flexible tariff reduction treatment.
. Special Safeguard Mechanism (SSG) for developing countries.
. For cotton, export subsidies will be eliminated by developed countries in 2006.

Non-Agricultural market access
. The Hong Kong declaration seeks to achieve the objective of reduction or elimination of tariffs including tariffs and tariffs escalation.
. It has been agreed that tariffs would be brought down according to the Swiss formula this formula proposed by Switzerland implies deeper cuts on higher tariffs and milder cuts on lower tariffs.

Less than Full Reciprocity
Developing countries would sacrifices less than the developed countries. All cuts and concessions offered by developed nations will be reciprocated by developing countries in lesser measure. This clause would also give the developing countries a larger phase-out time to integrate themselves into the trading system.

Services
. On the services front not much progress was made. However, the members were asked to submit a second round of revised services offers by July 31, 2006 and submit final draft schedules by October 31, 2006.
TRIPS
Amendment to TRIPS agreement reaffirmed to address public health concerns of
developing countries.

Development
Least developed countries will be guaranteed duty-free quota free access for 97
percent of their exports from 2008 or from not later than the coming into effect of any
final trade treaty.

Source: (Mishra and Puri, 2008)
Appendix Box A.1.5

URAOA Important Documents

<table>
<thead>
<tr>
<th>Schedules of Commitments</th>
<th>Some provisions that were negotiated after the AGST tables were submitted are not reflected in the tables. Countries acceding to the WTO after the UR have had to prepare their own supporting tables, and for them the base period can be different from that used for the UR negotiations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The 1994 WTO signatories’ Schedules of commitments, agreed to during the negotiations, detailed how the URAOA commitments are to be implemented. For tariffs, for example, each Members’ schedule sets out for each product the tariff rates (that is, the bound rate—the commitments not to increase the tariff above that stated level or ceiling) at the start and end of the implementation period. New members acceding to the WTO after the UR have to submit their Schedule of Commitments following negotiations with WTO members.</td>
<td>“Accession to the WTO—information to be provided on Domestic Support and Export Subsidies in agriculture,”WT/ACC/4; 18 March 1996.</td>
</tr>
<tr>
<td>Agriculture Supporting Tables (AGST)</td>
<td>Modalities Document For many of the commitments made, such as the specific percentage reductions relating to domestic support and export subsidies, the methods of calculation establishing these reductions were set out in the important UR working document, “Modalities for the Establishment of Specific Binding Commitments under the reform programme”(MTN.GNG/MA/W/24). This has no legal force, but the reduction commitments, used to calculate Member’s Schedules, are legally binding. However, as in the case of AGST tables, the commitments sometimes changed following negotiations between members.</td>
</tr>
<tr>
<td>For commitments on export subsidies and domestic supports, the starting point is the “Supporting Tables Relating to Commitments on Agriculture Products in part IV of the Schedules”(GATT documents G/AG/AGST/vols-1-3). These tables show the amount each member country spent on different products and support schemes during the base periods, and how the starting point for reductions was calculated.</td>
<td></td>
</tr>
</tbody>
</table>

Source: Ingco and Croome (2005)
**Appendix Box A.3.1**

**Constituents of Green Box Support**

<table>
<thead>
<tr>
<th>General Services</th>
<th>Includes various rural capital works projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>Agricultural and economic research, statistics, library services, outlook</td>
</tr>
<tr>
<td>Pest and Disease Control</td>
<td>Animal and plant health and disease control</td>
</tr>
<tr>
<td>Training, extension, advisory</td>
<td>Cooperative State extension and cooperative services</td>
</tr>
<tr>
<td>Inspection and marketing services</td>
<td>Inspection of grain, imports, and food; market news and grading and standardisation</td>
</tr>
<tr>
<td>Other general services</td>
<td>Conservation operations and other non-payment environmental activities</td>
</tr>
<tr>
<td>Stock holding for food security</td>
<td>Food Security Commodity Reserve</td>
</tr>
<tr>
<td>Domestic food aid</td>
<td>Food stamps; women, infants, children nutrition</td>
</tr>
<tr>
<td>De-coupled income support</td>
<td>1996 production flexibility contract payments</td>
</tr>
<tr>
<td>Income insurance and safety nets</td>
<td>(U.S. revenue insurance included in the AMS)</td>
</tr>
<tr>
<td>Relief from natural disasters</td>
<td>Livestock and crop disaster payments (U.S. crop insurance included in the AMS)</td>
</tr>
<tr>
<td>Structural adjustment: resource</td>
<td>Conservation Reserve Programme</td>
</tr>
<tr>
<td>retirement</td>
<td></td>
</tr>
<tr>
<td>Structural adjustment: investment aids</td>
<td>Farm credit, ownership, operating loans (FmHA)</td>
</tr>
<tr>
<td>Environmental payments regional</td>
<td>Soil conservation and water quality programs</td>
</tr>
<tr>
<td>assistance, producers retirement</td>
<td></td>
</tr>
</tbody>
</table>

*Source: International Agriculture and Trade Reports No. 5, 1998*
Appendix Box A.3.2

The Peace Clause and Domestic Subsidies

| The 'Peace Clause' (Article 13 of the URRA) precludes most WTO dispute settlement challenges against a country in compliance with the Agreement, but ends after 2003. Many agricultural subsidies will then be vulnerable to legal challenge under Article XVI of GATT 1994, Articles 6.3 (a)-(c) and 6.4 of the WTO Agreement on Subsidies and Countervailing Measures (SCM) or with claims of nullification or impairment. Nonsubsidising developing countries will then be able to bargain using dispute settlement panels (or direct negotiations) to contest the compatibility of domestic farm policies with these more strict disciplines generally available to non-agricultural sectors in the WTO. The remedy would require elimination of subsidy or reduce its adverse effects. The various subsidy provisions of the WTO, therefore, represent potentially powerful disciplines on agricultural subsidies. | Agricultural subsidies hitherto have been sheltered under various conditions from the application of several WTO provisions on subsidies. However, amber and blue box policies have not been entirely immune from countervailing duties and GATT 1994 Article XVI: 13 even with the Peace Clause in effect. The dispute between new Zealand and the United States and Canada over the impact of Canadian dairy policy, together with the complaint by Brazil over U.S. cotton subsidies and the challenge by Australia, Brazil and Thailand of the EU sugar regime reflects the reduced protection from actionability relative to green box and export subsidies. |

Appendix Box A .3.3

How Subsidies in Developed Countries Hurt Developing Countries

Agricultural policies in rich countries still distort markets at home and aboard. Worse, they hurt the poor. Price-support mechanisms make domestic consumers pay more for their food, hitting low-income families the hardest. And for farmers in poor countries, OECD agricultural policies are disastrous. If those farmers are not being kept out of export markets by quotas or tariffs, they are being undercut in domestic markets by heavily subsidised produce from the developed world. While some have argued that rich-world subsidies are a net boon to poor countries because they provide cheap food to the masses, in those countries the poorest are often rural farmers, whose lives would be improved by higher prices for their products’.

Source: http://www.economist.com/agenda/displayStory.cfm_id=4100673
The 13\textsuperscript{th} September draft completely failed to gauge and accommodate the mood of the participating countries. In fact, on several issues it ran contrary to that mood.... Domestic support subsidies of various categories also distort trade and they hugely distort trade. The 13\textsuperscript{th} September draft only had marginal references about reduction of these subsidies. And when it came to developing countries reducing tariffs, the 13\textsuperscript{th} September draft, effectively involved higher reduction of tariffs by the developing countries as against the developed countries...We made various calculations on the formulation of the 13 September draft. I can tell you from India’s point of view that it was scary due to the kind of reductions we would have had to face, in the face of no substantial reduction in subsidies... in relation to the Singapore issues, the 13\textsuperscript{th} September draft was even more curious... On cotton again, four African countries are predominantly a one-crop nation whose economies have been very badly, adversely affected on account of huge cotton subsidies to 25,000 farmers in one country – they receive a subsidy of $3.7 billion annually. The amount of $3.7 billion annually is the subsidy which is shared amongst 25,000 farmers. The effect of that is to distort cotton prices which effects the economies of Mali, Burkina Faso, Benin and Chad. So, para 27 of the 13\textsuperscript{th} September draft again spoke in terms of a study to be undertaken and almost the feel of para 27 was that some of the countries should be aided and advised, and then persuaded for crop diversification, because subsidies in any case cannot be reduced... It is obviously clear to me that this draft cannot be a starting point of any further negotiation. Secondly, it is also seen that the consensus element has become negligible…”

Source: Debroy Bibek and Saqib Mohammed (2005)
Appendix Box A.4.1
Agricultural Products:

Current and Minimum Market Access Commitments

(Agreement on Agriculture, Article 5.2)
Current Access Commitments

A number of countries had special arrangements for imports of meat and other mainly temperate-zone products up to quota limits on either a duty-free or a preferential basis. In order to ensure that such imports are not affected by the application of higher rates resulting from tariffication, importing countries have given current access commitments by establishing tariff quotas to cover imports that were entering the market at lower duty rates. As a result of these commitments, imports up to quota levels are allowed at the lower existing rates. The higher rates ensuring from tariffication are applicable to imports over and above quota limits.

Minimum access commitments

For products for which little or no imports took place in the past because of the highly restrictive nature of the then-existing regime, countries were required to give minimum market access opportunity commitments. The commitments provide for the establishment of tariff quotas equal to 3% of domestic consumption in the base period 1986-88 and rising to 5% by the end of 2000 for developed countries and 2004 for developing countries. Lower rates (specified in the national schedules but generally not greater than 32% of the bound tariffified rates) are applicable to imports up to the quota limits, while the higher rate resulting from tariffication apply to imports over quota limits. As a result of these minimum access commitments, countries will have to import modest amounts of their most restricted products. Products covered by minimum access commitments include meat, dairy products, and specified fresh vegetables and fruits.

Some of the Agricultural Market Access Provisions in the Uruguay Round

Negotiations

**Tariffication, Tariff Bindings, and Reductions**

- Non-tariff barriers to be converted to tariff equivalents (tariffication) equal to the difference between internal and external prices existing in the base period.
- All tariffs to be bound (i.e. cannot be increased without notification and compensation).
- Reduce existing and new tariffs by 36 percent, on a simple average (unweighted) basis, in equal instalments over six years.
- Reduce tariffs for each item by minimum of 15 percent.

**Minimum and Current Access**

- Minimum access import opportunities to be provided for products subject to tariffication with imports below 5 percent of domestic consumption in the base period.
- Countries must agree to maintain current access opportunities equivalent to those existing in the base period. Current access import opportunities (for example under quotas or voluntary export restraints) to be provided for products subject to tariffication with imports exceeding 5 percent of domestic consumption in the base period.
- To ensure that these access opportunities can be met, countries will establish tariff-rate quotas, with the access amounts subject to a low duty and imports above that amount subject to the tariff established through tariffication.
- Increase minimum access quotas from 3 percent of domestic consumption to 5 percent over implementation period.

**Safeguard, Exceptions, and Special and Differential Treatment**

- Special temporary agricultural safeguard mechanism put in place for products subject to tariffication. Imposed if increase in volume of imports or drop in prices of imports exceeds certain trigger levels.
. Special treatment allows countries, under certain condition, to postpone tariffication up to the end of the implementation period as long as minimum access opportunities are provided.
. Developing countries allowed the flexibility of ceiling bindings, longer implementation period (10 years) and lower reduction commitments in tariffs (24 percent average reductions with 10 percent minimum). Least developed countries subject to tariffication and binding but exempted from reduction commitments.

**Implementation Period**

Implementation; six years, beginning in 1995 (10 years for developing countries).

*Source:* RIS based on International Agriculture and Trade reports no 4, 1998
Appendix Box A.4.3

Who is Using Special Safeguards

According to Article 5 of the Agreement on Agriculture Special Safeguard on imports may be taken temporarily to deal with special circumstances. As a part of this higher safeguard duties can be triggered automatically when imports volume rise above certain level or if prices fall below a certain level. In either case it is not necessary to demonstrate the serious injury is being caused to the domestic industry. At present 39 WTO Members currently used 6156 Special Safeguards on agricultural products. Below we provide a number of products which are safeguarded under this Article by member countries.

<table>
<thead>
<tr>
<th>Country</th>
<th>Safeguarded Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>150</td>
</tr>
<tr>
<td>United States</td>
<td>189</td>
</tr>
<tr>
<td>European Union</td>
<td>539</td>
</tr>
<tr>
<td>Japan</td>
<td>121</td>
</tr>
<tr>
<td>Korea</td>
<td>111</td>
</tr>
<tr>
<td>Switzerland</td>
<td>961</td>
</tr>
<tr>
<td>Australia</td>
<td>10</td>
</tr>
<tr>
<td>New Zealand</td>
<td>4</td>
</tr>
<tr>
<td>Mexico</td>
<td>293</td>
</tr>
<tr>
<td>Venezuela</td>
<td>76</td>
</tr>
<tr>
<td>Barbados</td>
<td>37</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>21</td>
</tr>
<tr>
<td>Colombia</td>
<td>56</td>
</tr>
<tr>
<td>Indonesia</td>
<td>13</td>
</tr>
<tr>
<td>India</td>
<td>0</td>
</tr>
<tr>
<td>Malaysia</td>
<td>72</td>
</tr>
<tr>
<td>Philippines</td>
<td>118</td>
</tr>
<tr>
<td>Thailand</td>
<td>52</td>
</tr>
<tr>
<td>South Africa</td>
<td>166</td>
</tr>
<tr>
<td>China</td>
<td>84</td>
</tr>
</tbody>
</table>

Source: WTO Secretariat background paper “Special Agricultural Safeguard” G/AG/NG/S/9 Rev-I.
Appendix Box A.4.4

Special Agricultural Safeguard: Quantitative Trigger Levels

In accordance with Article 5, paragraph 4, of the AOA, an additional duty may be imposed in any year where the absolute volume of imports (M) exceeds the sum of the base trigger level (x) multiplied by the average quantity of imports during the three preceding years for which data are available (\( \overline{M} \)) and the absolute volume change in domestic consumption of the product concerned in the most recent year for which data are available compared to the preceding year (y). In algebraic terms this is expressed as:

\[
M_t = \overline{M}x + y
\]

Where, \( M_t \) is the trigger level of imports and x (the base trigger level) is defined according to the following schedule based on the share of imports in domestic consumption during the three preceding years (S). Thus:

\[
\begin{align*}
X &= 125 \% \text{, if } S \leq 10 \% \\
&= 110 \% \text{, if } 10 \% < S \leq 30 \% \\
&= 105 \% \text{, if } S > 30 \%
\end{align*}
\]

For example, if the share of imports in domestic consumption during the preceding three years is 7 percent, then x will be equal to 1.25. Thus an additional duty can be imposed if current imports (M) exceed the trigger volume (\( M_t \)), i.e.

\[
M > 1.25\overline{M} + y.
\]

The maximum extra duty shall not exceed 30 percent of the level of the ordinary customs duty in effect in the year in which the action is taken, it shall only be maintained to the end of the year in which it has been imposed and cannot be applied to imports taking place within tariff quotas.
### Appendix Box A.4.5

#### Special Agricultural Safeguard: Price Trigger Levels

<table>
<thead>
<tr>
<th>PM</th>
<th>current c.i.f. import price of the shipment (expressed in domestic currency)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT</td>
<td>trigger price (average c.i.f. price for 1986-88)</td>
</tr>
<tr>
<td>D</td>
<td>( \frac{(P_T - P_M)}{P_T} ) (the percentage fall in the import price below the trigger price).</td>
</tr>
</tbody>
</table>

In accordance with Article 5, paragraph 5, of the AoA, an additional duty, expressed in *ad valorem* equivalent \( t \), may be imposed according to the following schedule:

<table>
<thead>
<tr>
<th>Case</th>
<th>Expression</th>
<th>( t ) Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>( 10% \leq D &lt; 40% )</td>
<td>then ( t = 0 )</td>
</tr>
<tr>
<td>(b)</td>
<td>( 10% &lt; D \leq 40% )</td>
<td>then ( t = 0.27 \left( \frac{P_T}{P_M} \right) - 0.3 )</td>
</tr>
<tr>
<td>(c)</td>
<td>( 40% &lt; D \leq 60% )</td>
<td>then ( t = 0.39 \left( \frac{P_T}{P_M} \right) - 0.5 )</td>
</tr>
<tr>
<td>(d)</td>
<td>( 60% &lt; D \leq 75% )</td>
<td>then ( t = 0.47 \left( \frac{P_T}{P_M} \right) - 0.7 )</td>
</tr>
<tr>
<td>(e)</td>
<td>( D &gt; 75% )</td>
<td>then ( t = 0.52 \left( \frac{P_T}{P_M} \right) - 0.9 )</td>
</tr>
</tbody>
</table>

**Example:** Assume a trigger price of US$120 per unit and that the current c.i.f. import price is US$60. Since the import price is 50 percent of the trigger price, case (c) applies. Consequently, an additional duty equivalent to 28 percent of the c.i.f. import price could be levied, which would bring the price of the imported product to US$76.8.

The additional duty can only be imposed on the shipment concerned and cannot be applied to imports taking place within tariff quotas.

**Source:** Hathaway (2001)
Appendix Box A.5.1

The Structure of the Agreement on Trade-Related Aspects of Intellectual Property Rights

<table>
<thead>
<tr>
<th>PART I</th>
<th>General Provisions and Basic Principles</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART II</td>
<td>Standards Concerning the Availability, Scope and Use of Intellectual Property Rights</td>
</tr>
<tr>
<td>I</td>
<td>Copy rights and Related rights</td>
</tr>
<tr>
<td>II</td>
<td>Trademarks</td>
</tr>
<tr>
<td>III</td>
<td>Geographical indications</td>
</tr>
<tr>
<td>IV</td>
<td>Industrial Design</td>
</tr>
<tr>
<td>V</td>
<td>Patents</td>
</tr>
<tr>
<td>VI</td>
<td>Lay out designs (topographies) of Integrated Circuits</td>
</tr>
<tr>
<td>VII</td>
<td>Protection of Undisclosed information</td>
</tr>
<tr>
<td>VIII</td>
<td>Control of antidumping practices in contractual licenses</td>
</tr>
</tbody>
</table>

| PART III | Enforcement of Intellectual Property Rights |
| I | General obligations |
| II | Civil and administrative procedures and remedies |
| III | Provisional Measures |
| IV | Special requirements related to border measures |
| V | Criminal procedures |

| PART IV | Acquisition and Maintenance of Intellectual Property Rights and Related Inter Parties Procedures |
| PART V | Dispute Prevention and Settlement |
| PART VI | Transitional Arrangements |
| PART VII | Institutional Arrangements, Final Provisions |

Source: GATT 1994, p 365
## Appendix Table A.3.1

### Extent of Market Price Support to Wheat in India

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qy)</th>
<th>Import Price (Cif) (Rs/qt)</th>
<th>Subsidy (2-3) (Rs/qt)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100 Rs. Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 96</td>
<td>380</td>
<td>1,260.92</td>
<td>-880.92</td>
<td>62,100</td>
<td>-547051.32</td>
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<tr>
<td>1996 - 97</td>
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<td>659.00</td>
<td>-184</td>
<td>69,350</td>
<td>-127604.00</td>
</tr>
<tr>
<td>1997 - 98</td>
<td>510</td>
<td>665.63</td>
<td>-155.63</td>
<td>66,350</td>
<td>-103260.50</td>
</tr>
<tr>
<td>1998 - 99</td>
<td>550</td>
<td>645.77</td>
<td>-95.77</td>
<td>71,290</td>
<td>-68274.43</td>
</tr>
<tr>
<td>1999 - 00</td>
<td>580</td>
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<td>-1,535.88</td>
<td>76,370</td>
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<td>680.09</td>
<td>-70.09</td>
<td>69,680</td>
<td>-48838.71</td>
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<tr>
<td>2001 - 02</td>
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<td>622.22</td>
<td>-2.22</td>
<td>72,770</td>
<td>-1615.49</td>
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<tr>
<td>2002 - 03</td>
<td>620</td>
<td></td>
<td></td>
<td>65,760</td>
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</tr>
<tr>
<td>2003 - 04</td>
<td>630</td>
<td>543.47</td>
<td>86.53</td>
<td>72,160</td>
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<tr>
<td>2004 - 05</td>
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<td>500.00</td>
<td>140</td>
<td>68,640</td>
<td>96096.00</td>
</tr>
</tbody>
</table>

**Source:**

1 Centre for Monitoring Indian Economy (various issues).

2 Computed.
Appendix Table A.3.2
Extent of Market Price Support to Rice in India

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qt)</th>
<th>Import Price (Rs/qt)</th>
<th>Subsidy (2-3) (Rs/qt)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100) Rs. Million</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 96</td>
<td>360</td>
<td>625.00</td>
<td>-265</td>
<td>76,980</td>
<td>-20399.7</td>
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<tr>
<td>1996 - 97</td>
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<td>1997 - 98</td>
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<td>1,200.00</td>
<td>-785</td>
<td>82,530</td>
<td>-647860.50</td>
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<td>-372.03</td>
<td>86,080</td>
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<td>855.95</td>
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<td>89,680</td>
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<td>-722.87</td>
<td>71,820</td>
<td>-519165.23</td>
</tr>
<tr>
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<td>500</td>
<td>50</td>
<td>88,530</td>
<td>44265.00</td>
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<tr>
<td>2004 - 05</td>
<td>560</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005 - 06</td>
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</table>

Source: Same as in Appendix Table A.3.1
## Appendix Table A.3.3

**Extent of Market Price Support to Groundnut in India**

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qt)</th>
<th>Export Price (Rs/qt)</th>
<th>Subsidy (2-3) (Rs/qt)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100) Rs. Million</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-96</td>
<td>900</td>
<td>1,940.03</td>
<td>-1,040.03</td>
<td>7,580</td>
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<tr>
<td>1996-97</td>
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<td>1,012</td>
<td>387.68</td>
<td>8,130</td>
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<td>-1,587.89</td>
<td>6,770</td>
<td>-10500.15</td>
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<td>1,520</td>
<td>2,703.95</td>
<td>-1,183.95</td>
<td>7,990.00</td>
<td>-94597.60</td>
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</table>

Source: Same as in Appendix Table A.3.1
## Appendix Table A.3.4
### Extent of Market Price Support to Jute in India

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qt)</th>
<th>Import Price (Rs/qt)</th>
<th>Subsidy (2-3) (Rs/qt)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100) Rs. Million</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-96</td>
<td>490</td>
<td>878.89</td>
<td>-388.89</td>
<td>8,810</td>
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</tr>
<tr>
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<td>11,130</td>
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<td>570</td>
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<td>-539.79</td>
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<td>1998-99</td>
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<td>868.48</td>
<td>-218.48</td>
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<td>-21432.88</td>
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<td>-263.90</td>
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<tr>
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<td>785</td>
<td>1,252.36</td>
<td>-467.36</td>
<td>10,560</td>
<td>-49353.21</td>
</tr>
<tr>
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<td>1,200.65</td>
<td>-390.65</td>
<td>11,680</td>
<td>-45627.92</td>
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<td>21.21</td>
<td>11,170</td>
<td>2369.15</td>
</tr>
<tr>
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<td>1,532.78</td>
<td>-642.78</td>
<td>10,270</td>
<td>-66013.50</td>
</tr>
<tr>
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<td>910</td>
<td>1,516.35</td>
<td>-606.35</td>
<td>10,840</td>
<td>-65728.34</td>
</tr>
</tbody>
</table>

**Source:** Same as in Appendix Table A.3.1
## Appendix Table A.3.5
### Extent of Market Price Support To Cotton in India

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qt)</th>
<th>Import Price (Rs/qt)</th>
<th>Subsidy (2-3) (Rs/qt)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100) Rs. Million</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-96</td>
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<td>7,486.78</td>
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<td>10,808.21</td>
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<tr>
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<td>10,850</td>
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</tr>
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<td>5,281.92</td>
<td>-3,706.92</td>
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</tr>
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<td>95,200</td>
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<td>-3,630.96</td>
<td>10,000</td>
<td>-363096.00</td>
</tr>
<tr>
<td>2002-03</td>
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<td>86,200</td>
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<td>-970567.35</td>
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</table>

**Source:** Same as in Appendix Table A.3.1
**Appendix Table A.3.6**  
Extent of Market Price Support To Sugar in India

<table>
<thead>
<tr>
<th>Year</th>
<th>MSP (Rs/qt)</th>
<th>Import Price (Rs/qt)</th>
<th>Subsidy (2-3)</th>
<th>Total Production (000 Tonnes)</th>
<th>Extent of Support (4*5/100) Rs Million</th>
</tr>
</thead>
<tbody>
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<td>27,954</td>
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<tr>
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<td>29,932</td>
<td>-279,405.32</td>
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<td>29,596</td>
<td>-285,261.04</td>
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<tr>
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<td>-360,331.45</td>
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<td>-230,458.35</td>
</tr>
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<td>28,117</td>
<td>-305,628</td>
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**Source:** Same as in Appendix Table A.3.1
Appendix Table A.3.7
Product Specific AMS to Agriculture in India

<table>
<thead>
<tr>
<th>Year</th>
<th>Wheat</th>
<th>Rice</th>
<th>Groundnut</th>
<th>Jute</th>
<th>Cotton</th>
<th>Sugar</th>
<th>Total Subsidy</th>
<th>Value of Crops</th>
<th>% Subsidy [(8/9)*100]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 96</td>
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<td>-20,399.70</td>
<td>-78,834</td>
<td>-3426.12</td>
<td>-81490.9</td>
<td>-390939.82</td>
<td>-1,886,396.21</td>
<td>212244</td>
<td>-888.79</td>
</tr>
<tr>
<td>1996 - 97</td>
<td>-127,604.00</td>
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<td>-118612.41</td>
<td>-1370094.28</td>
<td>-401643.19</td>
<td>-2,127,687.92</td>
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<td>-913.83</td>
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</tr>
<tr>
<td>1998 - 99</td>
<td>-68,274.43</td>
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<td>-21432.88</td>
<td>-639023.46</td>
<td>-341076.48</td>
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<td>-615.97</td>
</tr>
<tr>
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<td>-27867.80</td>
<td>-427407.87</td>
<td>-2798058.32</td>
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<td>246330</td>
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<tr>
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<td>-363096</td>
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<td>-207752.74</td>
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<td>-615529.63</td>
<td>-180011.39</td>
<td>-654,948.45</td>
<td>251230</td>
<td>-260.70</td>
</tr>
<tr>
<td>2004 - 05</td>
<td>96,096.00</td>
<td>-10,500</td>
<td>-66013.50</td>
<td>-681652.76</td>
<td>-230458.35</td>
<td>-892,528.76</td>
<td>-305628</td>
<td>1,436,521.29</td>
<td></td>
</tr>
<tr>
<td>2005 - 06</td>
<td>-94,598</td>
<td>-65728</td>
<td>-970567.35</td>
<td>-305628</td>
<td>-1,436,521.29</td>
<td>-1,436,521.29</td>
<td>-892,528.76</td>
<td>223044</td>
<td>-1751.98</td>
</tr>
</tbody>
</table>

Source: Computed from Appendix Tables A.3.1 to A.3.6.
<table>
<thead>
<tr>
<th>Year</th>
<th>Fertilizer Subsidy</th>
<th>Irrigation Subsidy</th>
<th>Electricity Subsidy</th>
<th>Other Subsidy given to small and marginal Farmers on Seeds</th>
<th>Total Subsidy</th>
<th>% of Value of output of agriculture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 96</td>
<td>6,235.00</td>
<td>7,931.00</td>
<td>1,977.00</td>
<td>1,034</td>
<td>17,177.00</td>
<td>8.09</td>
</tr>
<tr>
<td>1996 - 97</td>
<td>5,906</td>
<td>9,221.00</td>
<td>8,356.00</td>
<td>895</td>
<td>24,378.08</td>
<td>10.47</td>
</tr>
<tr>
<td>1997 - 98</td>
<td>7,322</td>
<td>10,318.00</td>
<td>4,937.00</td>
<td>983</td>
<td>23,559.96</td>
<td>10.44</td>
</tr>
<tr>
<td>1998 - 99</td>
<td>7,597</td>
<td>11,827.00</td>
<td>3,819.00</td>
<td>1,182</td>
<td>24,425.22</td>
<td>9.95</td>
</tr>
<tr>
<td>1999 - 00</td>
<td>13,244</td>
<td>11,193.00</td>
<td>4,276.00</td>
<td>3,085</td>
<td>31,798.00</td>
<td>12.91</td>
</tr>
<tr>
<td>2000 - 01</td>
<td>13,800</td>
<td>13,465.00</td>
<td>6,056.00</td>
<td>2,686</td>
<td>36,007.00</td>
<td>15.29</td>
</tr>
<tr>
<td>2001 - 02</td>
<td>12,808</td>
<td>13,164.00</td>
<td>9,342.00</td>
<td>3,041</td>
<td>38,355.00</td>
<td>15.45</td>
</tr>
<tr>
<td>2002 - 03</td>
<td>110,113</td>
<td>15,012.00</td>
<td>7,334.00</td>
<td>3,333</td>
<td>135,592.00</td>
<td>60.79</td>
</tr>
<tr>
<td>2003 - 04</td>
<td>11,835</td>
<td>11,142</td>
<td>N.A.</td>
<td>4,018.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004 - 05</td>
<td>15,779</td>
<td>12,990.00</td>
<td>N.A.</td>
<td>N.A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005 - 06</td>
<td>18,299</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Source:**
1 Agriculture Statistics at a Glance (various issues).
2 Computed.
Appendix Table A.3.9

Total Aggregate Measure of Support to Indian Agriculture

<table>
<thead>
<tr>
<th>Year</th>
<th>Product Specific AMS</th>
<th>Non-Product Specific AMS</th>
<th>Total AMS</th>
<th>Total AMS as % of Value of Agriculture Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-96</td>
<td>-1,886,396.21</td>
<td>17,177.00</td>
<td>-1,869,219.21</td>
<td>-881</td>
</tr>
<tr>
<td>1996-97</td>
<td>-2,127,688</td>
<td>24,378.08</td>
<td>-2,103,309.84</td>
<td>-903</td>
</tr>
<tr>
<td>1997-98</td>
<td>-2,007,215</td>
<td>23,559.96</td>
<td>-1,983,655.28</td>
<td>-879</td>
</tr>
<tr>
<td>1999-00</td>
<td>-4,817,378</td>
<td>31,798.00</td>
<td>-4,785,579.52</td>
<td>-1,943</td>
</tr>
<tr>
<td>2000-01</td>
<td>-4,882,175</td>
<td>36,007.00</td>
<td>-4,846,167.94</td>
<td>-2,058</td>
</tr>
<tr>
<td>2001-02</td>
<td>-1,427,105</td>
<td>38,355.00</td>
<td>-1,388,750.43</td>
<td>-559</td>
</tr>
<tr>
<td>2002-03</td>
<td>-3,907,682</td>
<td>135,592.00</td>
<td>-3,772,090.27</td>
<td>-1,691</td>
</tr>
<tr>
<td>2003-04</td>
<td>-654,948</td>
<td>-654,948.45</td>
<td>-1,309,893.29</td>
<td>-260.70</td>
</tr>
<tr>
<td>2004-05</td>
<td>-892,529</td>
<td>-892,528.76</td>
<td>-1,785,057.75</td>
<td>-779.40</td>
</tr>
<tr>
<td>2005-06</td>
<td>-1,436,521</td>
<td>-1,436,521.29</td>
<td>-2,873,042.45</td>
<td>-996.80</td>
</tr>
</tbody>
</table>

Source: Computed from Appendix Table A.3.7 and Appendix Table A.3.8.
Appendix Table A.3.10

<table>
<thead>
<tr>
<th>Year</th>
<th>Product Specific as Percentage of GDP in Agriculture</th>
<th>Non-Product Specific as Percentage of GDP in Agriculture</th>
<th>Total AMS as Percentage of GDP in Agriculture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 96</td>
<td>-67.89</td>
<td>0.62</td>
<td>-67.28</td>
</tr>
<tr>
<td>1996 - 97</td>
<td>-64</td>
<td>0.73</td>
<td>-62.97</td>
</tr>
<tr>
<td>1997 - 98</td>
<td>-57</td>
<td>0.67</td>
<td>-58.12</td>
</tr>
<tr>
<td>1998 - 99</td>
<td>-36</td>
<td>0.58</td>
<td>-35.14</td>
</tr>
<tr>
<td>1999 - 00</td>
<td>-109</td>
<td>0.72</td>
<td>-107.80</td>
</tr>
<tr>
<td>2000 - 01</td>
<td>-115</td>
<td>0.85</td>
<td>-114.43</td>
</tr>
<tr>
<td>2001 - 02</td>
<td>-31</td>
<td>0.83</td>
<td>-29.99</td>
</tr>
<tr>
<td>2002 - 03</td>
<td>-86</td>
<td>2.97</td>
<td>-82.65</td>
</tr>
<tr>
<td>2003 - 04</td>
<td>-13</td>
<td>0.00</td>
<td>-12.56</td>
</tr>
</tbody>
</table>

Source:
1 National Account Statistics (various issues).
2 Computed.
Appendix Table A.3.11

AMS Reduction Tiers Suggested in the WTO Negotiations

<table>
<thead>
<tr>
<th>US: four bands</th>
<th>G-20: four bands</th>
<th>Australia: four bands</th>
</tr>
</thead>
<tbody>
<tr>
<td>US$ 10 billion or less</td>
<td>All other countries</td>
<td>US$ 2 billion or less</td>
</tr>
<tr>
<td>Between US$ 10-20 billion</td>
<td>US</td>
<td>Between US$ 2-12 billion</td>
</tr>
<tr>
<td>Between US$ 20-40 billion</td>
<td>Japan</td>
<td>Between US$ 12-25 billion</td>
</tr>
<tr>
<td>More than US$ 40 billion</td>
<td>The Eu</td>
<td>More than US$ 25 billion</td>
</tr>
</tbody>
</table>

Source: (Aggarwal, 2005)
### Appendix Table A.3.12
TDS Reduction Tiers Suggested in the WTO Negotiations

<table>
<thead>
<tr>
<th>US: four bands</th>
<th>G-20: three bands for developed countries</th>
<th>Australia: five bands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than US$ 20 billion</td>
<td>Other countries</td>
<td>No cuts for developing countries with no AMS</td>
</tr>
<tr>
<td>Between US$ 20-40 billion</td>
<td>The US, Japan and Canada</td>
<td>Separate band for developing countries (2/3 cut of lowest band of developed countries)</td>
</tr>
<tr>
<td>Between US$ 40-60 billion</td>
<td>Between US$ 10-45 billion</td>
<td>Other developed countries</td>
</tr>
<tr>
<td>More than US$ 60 billion</td>
<td>The EU</td>
<td>Less than US$ 5 billion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Between US$ 5-30 billion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Canada, Mexico, Korea, Brazil, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Between US$ 30-90 billion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The US and Japan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than US$ 90 billion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The EU</td>
</tr>
</tbody>
</table>

Source: (Aggarwal, 2005)
## Appendix Table A.3.13

### India's Non-Product Specific Support and Support under the S&D Provisions

<table>
<thead>
<tr>
<th>Year</th>
<th>S&amp;D</th>
<th>Non-product Specific Support</th>
<th>Total Value of Agricultural Production</th>
<th>S&amp;D</th>
<th>Non-product Specific Support</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In million US$</td>
<td>As a percentage of total value of agricultural production</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1995-96</td>
<td>254.31</td>
<td>5772.06</td>
<td>76736</td>
<td>0.33</td>
<td>7.52</td>
</tr>
<tr>
<td>1996-97</td>
<td>4855.09</td>
<td>930.34</td>
<td>85280</td>
<td>5.69</td>
<td>1.09</td>
</tr>
<tr>
<td>1997-98</td>
<td>5171.8</td>
<td>1003.48</td>
<td>84972</td>
<td>6.09</td>
<td>1.18</td>
</tr>
</tbody>
</table>

**Source:** Calculated from India’s Notification to WTO on Domestic Subsidies, WTO Document No.G/AG/N/IND/1(for 1995-96) and G/AG/N/IND/2 (for 1996-97 and 1997-98).
## Appendix Table A.4.1
Tariffs and Bund Rates on Major Agricultural Commodities/Groups
As on 31.03.2006

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Item description</th>
<th>Basic duty (%)</th>
<th>Bound duty (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>I. Cereals and Pulses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Pulses other than peas</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Wheat</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>Maize (corn) seed</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>4</td>
<td>Rice in the husk</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>5</td>
<td>Husked (brown) rice; broken rice</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>6</td>
<td>Semi-milled or wholly milled rice</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>7</td>
<td>Millet, Jowar</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>8</td>
<td>Sorghum</td>
<td>50</td>
<td>80</td>
</tr>
<tr>
<td>9</td>
<td>Buck wheat and canary seed</td>
<td>Free</td>
<td>100/Free</td>
</tr>
<tr>
<td>10</td>
<td>Other cereals (rye, barley, etc.)</td>
<td>Free</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td><strong>I. Cereals Products</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Atta</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>2</td>
<td>Maida</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>3</td>
<td>Sooji</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>4</td>
<td>Wheat and potato starch</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>5</td>
<td>Flour, meal and powder of dried</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>leguminous vegetables including sago,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>tamarind and mango</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Other starches</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>7</td>
<td>Roasted malt</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>8</td>
<td>Unroasted malt</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td><strong>I. Dairy Products</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Fresh milk and cream</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Butter and melted butter (ghee)</td>
<td>40</td>
<td>150</td>
</tr>
<tr>
<td>3</td>
<td>Cheese</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>4</td>
<td>Milk powder</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>5</td>
<td>Yoghurt</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td><strong>I. Plantation Crops</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Tea</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>2</td>
<td>Coffee</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>Coconut</td>
<td>70</td>
<td>100</td>
</tr>
<tr>
<td>4</td>
<td>Copra</td>
<td>70</td>
<td>100</td>
</tr>
<tr>
<td>5</td>
<td>Cassia and cinnamon</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>6</td>
<td>Cloves</td>
<td>35</td>
<td>100</td>
</tr>
<tr>
<td>7</td>
<td>Other Spices</td>
<td>30/70</td>
<td>150/100</td>
</tr>
<tr>
<td>8</td>
<td>Chicken sausages</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td></td>
<td>Chicken leg (processed)</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>10</td>
<td>Meat of poultry, not cut in pieces, fresh or chilled</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>11</td>
<td>Raw hams, pig fat; meat of bovine animals</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>12</td>
<td>Other meat and offal</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>13</td>
<td>Processed hams</td>
<td>30</td>
<td>55</td>
</tr>
<tr>
<td>14</td>
<td>Fish</td>
<td>30</td>
<td>Unbound</td>
</tr>
</tbody>
</table>

**VI. Sugar**

**VII. Horticulture**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>100</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Apples</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>16</td>
<td>Grapefruit</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td>17</td>
<td>Pears and quinces</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>18</td>
<td>Strawberries, dried apricots etc.</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>19</td>
<td>Oranges; lemons and limes; fresh grapes</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Fresh pomegranates, lichi, tamarind (fresh), custard apple</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>20</td>
<td>Other fruits except Sapota (Black berries etc.)</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>21</td>
<td>Garlic</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>22</td>
<td>Onions</td>
<td>5</td>
<td>100</td>
</tr>
<tr>
<td>23</td>
<td>Mushrooms</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>24</td>
<td>Potato</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>25</td>
<td>Sweet Potato</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>26</td>
<td>Frozen vegetables-peas, beans, spinach, sweet corn etc.</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>27</td>
<td>Other edible roots and tubers with high starch or insulin content, fresh or chilled (cassava)</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>28</td>
<td>All other vegetables</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>29</td>
<td>Areca nut</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>30</td>
<td>Hop cones (ground, powdered or inpellets)</td>
<td>30</td>
<td>75</td>
</tr>
<tr>
<td>31</td>
<td>Hop cones (other than ground, powdered or inpellets)</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>32</td>
<td>Betel leaves</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>33</td>
<td>Planting materials of oilseeds</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>34</td>
<td>Oilseeds, misc grains, seeds of fruits, industrial or medicinal plants (other than the kind used for sowing and hop cones)</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>35</td>
<td>Basil, hyasop, rosemary, sage, savory comboge fruit rind</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>36</td>
<td>Apricot, peach or plum stones and kernels</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>37</td>
<td>Seeds of a kind used for sowing (other than vegetables seeds)</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
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<td>Vegetables seeds</td>
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**VIII. Edible oils (Crude)**

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<td>Groundnut oil</td>
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<td>Sunflower/Safflower</td>
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<td>47</td>
<td>Castor Oil/Tung Oil</td>
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**IX. Edible Oils (Refined)**

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<td>58</td>
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<td>60</td>
<td>Other oils other than edible grade</td>
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* With effect from 1.3.2006, all agricultural commodities will also attract a special additional duty of customs @4%

**Notes:**

1. The above basic customs duty are as on 1.1.2006. However, duty on pulses was reduced to zero on 8.6.2006 and validity period extended to 1.8.2007.
2. For wheat, private trade was permitted to import at zero duty from 9.9.2006 as against normal duty of 50 percent. Duty was earlier reduced to 5 percent on 28.6.2006. Validity period extended from 31.12.2006 to 28.2.2007.
3. For maize, import duty was reduced to zero from 25.1.2007 and valid up to 31.12.2007.
4. It may be mentioned that the duty on edible oils were reduced in August 2006 and in January 2007.

**Source:** Agricultural Statistics at a Galance (2006-07).
Appendix Table A.6.1
Trends in Agro-Export and Agro-import in Relation to Total National Export and Import (at current prices) (Rs. crore)

<table>
<thead>
<tr>
<th>Year</th>
<th>Agriculture Imports</th>
<th>Total National Imports</th>
<th>Percentage of Agriculture Imports in Total National Imports</th>
<th>Agriculture Exports</th>
<th>Total National Exports</th>
<th>Percentage of Agriculture Exports in Total National Exports</th>
<th>Net Agro-Export</th>
<th>Total Net Export</th>
<th>Net Agro-Export as Percent to Total Net Export</th>
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<td>19.18</td>
<td>14,507.64</td>
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<td>-0.889</td>
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<td>24,161.29</td>
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<td>20.33</td>
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Growth Rate (% per annum)
1995-96 to 2005-06 13.91 16.54 7.99 15.21 4.27
1995-96 to 2000-01 21.32 13.94 5.48 12.55 -4.58
2000-01 to 2005-06 11.80 23.16 11.20 18.06 10.48

Income-elasticity
1995-96 to 2005-06 1.232 1.43
1995-96 to 2000-01 1.71 1.11
2000-01 to 2005-06 1.02 1.95

(Continued)
Appendix Table 6.1 (Continued)

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Source: -
1. Agriculture Statistics at a Glance (various issues), Department of Agriculture and Cooperation, Ministry of Agriculture (GOI), New Delhi.
2. Computed
### Appendix Table A.6.2

**Annual Percentage Change over Previous Year in Agro-Export and Agro-Import and Total National Export and Import (at current prices)**

<table>
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<th>Year</th>
<th>Agriculture Imports</th>
<th>Total National Imports</th>
<th>Agriculture Exports</th>
<th>Total National Exports</th>
<th>Net Agro-Export</th>
<th>Total Net Export</th>
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<td>13.21</td>
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#### Summary Statistics

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<th>Min (Agriculture Exports)</th>
<th>Min (Total National Exports)</th>
<th>Min (Net Agro-Export)</th>
<th>Min (Total Net Export)</th>
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**Source:** Computed from Appendix Table A.6.1.
### Appendix Table A.6.3

India's Total Exports and Total Imports and Agro-Exports and Agro-Imports in Relation to GDP (at factor cost) (in percent)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total GDP (at factor cost)</th>
<th>Total Exports as Percent of GDP</th>
<th>Total Imports as Percent of GDP</th>
<th>GDP from Agriculture</th>
<th>Agro-Exports as Percent of GDP from Agriculture</th>
<th>Agro-Imports as Percent of GDP from Agriculture</th>
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#### Growth Rate (% per annum)

- **1995-96 to 2005-06**: 11.30, 5.67
- **1995-96 to 2000-01**: 12.39, 8.80
- **2000-01 to 2005-06**: 11.29, 3.83

#### Summary Statistics

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#### Source:

1. Same as in Appendix Table A.6.1
### Appendix Table A.6.4
Trends in Export of Major Agricultural Products in India

**Commodity by Quantity (Tonne)**

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**Commodity by Value (Rs. Lakh)**

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**Growth Rate (% per annum)**

- Basmati Rice: 9.27
- Non-Basmati Rice: 2.75
- Wheat: 48.91
- Pulses: 16.30
- Groundnuts: 1.90
- Cotton raw including waste: 6.35
- Cashew: 9.38
- Spices: 5.49

**CV% Mean**

- Basmati Rice: 34.82 / 719999.64
- Non-Basmati Rice: 50.37 / 2757108.27
- Wheat: 96.72 / 1466312.36
- Pulses: 60.67 / 181049.73
- Groundnuts: 35.73 / 142056.55
- Cotton raw including waste: 135.03 / 130645.91
- Cashew: 35.49 / 88469.27
- Spices: 24.09 / 263178.27

**Source:**

1. Center for monetizing Indian Economy, Agriculture (various issues), Ministry of Finance, Economic Division (GOI), New Delhi.
2. Computed
### Appendix Table A.6.5

**Annual Percentage Change in Exports of Major Agricultural Products in India over Previous Year**

#### Commodity by Quantity

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#### Commodity by Value

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**Source:** Computed from Appendix Table A.6.4
### Appendix Table A. 6.6

**Percentage Share of Exports of Agricultural Products in Total Agro-Exports**

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**Summary Statistics**

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Source: Computed from Appendix Table A.6.1 and Appendix Table A.6.4
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Source: Computed from Appendix Table A.6.1 and Appendix Table A.6.4
### Appendix Table A.6.8

**Trends in Imports of Major Agricultural products in India**

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**Commodity by Value (Rs. Lakh)**

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**Commodity by Value Growth Rate (Rs. Lakh)**

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**Oilseeds**

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**Source:**
1. Same as in Table 7.4
2. Computed.
## Appendix Table A.6.9

**Annual Percentage Change in Imports of Major Agricultural Products in India over Previous Year**

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**Source:** Computed from Appendix Table A.6.8
# Appendix Table A.6.10

## Percentage Share of Imports of Agriculture Products in Total Agro-Imports

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### Summary Statistics

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**1995-96 to 2000-01**

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**2000-01 to 2005-06**

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**Source:** Computed from Appendix Table A.6.1 and Appendix Table A.6.8.
Appendix Table A.6.11

Percentage Share of Imports of Major Agricultural Products in Total National Imports

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**Summary Statistics**

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**Source:** Computed from Appendix Table A.6.1 and Appendix Table A.6.8
### Appendix Table A.6.12
India's Commodity Terms of Trade in Agriculture with the Whole World

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**Summary Statistics**

1995-96 to 2005-06

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1995-96 to 2000-01

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2000-01 to 2005-06

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**Source:** Computed from Appendix Table A.6.4 and Appendix Table A.6.8.
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**Source:**
1. Center for Monitoring Indian Economy, Foreign Trade and Balance of Payment (various issues).
2. Computed.
## Appendix Table A. 6.14
### Export Competitiveness of Wheat

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**Growth Rate (% per annum)**

- 1995 to 2005: 4.82
- 1995 to 2001: 8.30
- 2001 to 2005: 1.89

**Summary Statistics**

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**Source:**
1. International Financial Statistics, Year Book, IMF (various issues),
2. Computed.
### Appendix Table A. 6.16

#### Export Competitiveness of Maize

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#### Growth Rate (% per annum)

- 2005: 2.74
- 2001: 4.51
- 2005: 4.24

#### Summary Statistics

**1995 to 2005**
- Min: 95.80, Max: 171.82, Mean: 119.92, CV (%): 18.01, R(DP/IP): -0.24
- Min: -29.17, Max: 457.84, Mean: 24.83, CV (%): 61.46, R(DP/IP): -48.78, 0.72

**1995 to 2001**
- Min: 95.80, Max: 171.82, Mean: 115.84, CV (%): 22.63, R(DP/IP): -29.17, 0.72
- Min: -29.17, Max: 457.84, Mean: 24.83, CV (%): 61.46, R(DP/IP): -48.78, 0.72

**2001 to 2005**
- Min: 114.38, Max: 139.80, Mean: 124.52, CV (%): 7.50, R(DP/IP): -6.01, 0.28
- Min: -6.01, Max: 457.84, Mean: 24.83, CV (%): 61.46, R(DP/IP): -48.78, 0.72

**Source:**
1. Same as in Appendix Table A.6.14,
2. Computed.
## Appendix Table A. 6.16

### Export Competitiveness of Maize

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**1995 to 2005**

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**2001 to 2005**

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**Source:**

1. Same as in Appendix Table A.6.14,
2. Computed.
### Appendix Table A. 6.17

**Export Competitiveness of Sugar**

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**Growth Rate (% per annum)**

- 1995 to 2005: 2.29
- 1995 to 2001: -1.86
- 2001 to 2005: -4.00

**Summary Statistics**

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**Source:**

1. Same as in Appendix Table A.6.14,
2. Computed.
## Appendix Table A. 6.17

Export Competitiveness of Sugar

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### Growth Rate (% per annum)
- 1995 to 2005: 2.29
- 1995 to 2001: 4.35
- 2001 to 2005: 4.38

### Summary Statistics

#### 1995 to 2005
- Min: 100.00
- Max: 149.03
- Mean: 121.87
- CV (%): 11.12
- R(DP,IP): -0.62
- Summary Statistics:
  - 1995 to 2005:
    - Min: 78.81
    - Max: 100.00
    - Mean: 87.45
    - CV (%): 8.30
    - R(DP,IP): -1.44
- 1995 to 2001:
  - Min: 78.81
  - Max: 100.00
  - Mean: 87.45
  - CV (%): 8.30
  - R(DP,IP): -1.44
- 2001 to 2005:
  - Min: 80.47
  - Max: 85.5
  - Mean: 82.97
  - CV (%): 6.08
  - R(DP,IP): -1.20

### Source:
1. Same as in Appendix Table A.6.14,
2. Computed.
### Appendix Table A.6.19

**Export Competitiveness of Soyabean Oil**

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**Growth Rate (% per annum)**

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**Summary Statistics**

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**Source:**

1. Same as in Appendix Table A.6.14,
2. Computed.
# Appendix Table A.6.20

## Export Competitiveness of Coffee

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### Growth Rate (% per annum)

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### Summary Statistics

#### 1995 to 2005

- **Min**: 45.49
- **Max**: 104.43
- **Mean**: 74.13
- **CV (%)**: 29.22
- **R(DP/IP)**: 0.96

#### 1995 to 2001

- **Min**: 56.87
- **Max**: 104.43
- **Mean**: 84.78
- **CV (%)**: 21.71
- **R(DP/IP)**: 0.95

#### 2001 to 2005

- **Min**: 45.49
- **Max**: 74.13
- **Mean**: 55.80
- **CV (%)**: 19.74
- **R(DP/IP)**: 0.90

### Source:

1. Same as in Appendix Table A.6.14,
2. Computed.
### Appendix Table A.6.21

**Export Competitiveness of Tea**

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#### Summary Statistics

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- Min: 100.00
- Max: 163.40
- Mean: 125.43
- CV (%): 16.01
- R(DP/IP): 0.76

**1995 to 2001**

- Min: 100.00
- Max: 163.40
- Mean: 130.23
- CV (%): 18.29
- R(DP/IP): 0.80

**2001 to 2005**

- Min: 111.06
- Max: 128.31
- Mean: 119.22
- CV (%): 7.02
- R(DP/IP): 0.16

**Source:**

1. Same as in Appendix Table A.6.14,
2. Computed.

221
### Export Competitiveness of Coconut Oil

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**Growth Rate (% per annum)**
1995 to 2005: 3.20
1995 to 2001: -0.97
2001 to 2005: 16.50

**Summary Statistics**

**1995 to 2005**
- Min: 95.67
- Max: 176.38
- Mean: 131.19
- CV (%): 20.43
- R(DP./I.P.): 0.40

**1995 to 2001**
- Min: 95.67
- Max: 146.83
- Mean: 120.33
- CV (%): 17.22
- R(DP./I.P.): 0.62

**2001 to 2005**
- Min: 95.67
- Max: 176.38
- Mean: 139.29
- CV (%): 24.64
- R(DP./I.P.): 0.96

**Source:**
1. Same as in Table 7.14
2. Computed.
### Appendix Table A. 6.23
#### Export Competitiveness of Tobacco

<table>
<thead>
<tr>
<th>Year</th>
<th>Index of Tobacco (D.P.) (1995 = 100)</th>
<th>Annual Percentage Change over Previous Year</th>
<th>Price Index of Tobacco (I.P.) (1995 = 100)</th>
<th>Percentage Change over Previous Year</th>
<th>Protection Coefficient (DP/IP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>100</td>
<td></td>
<td>100</td>
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<td>1</td>
</tr>
<tr>
<td>1996</td>
<td>146.71</td>
<td>46.71</td>
<td>115.63</td>
<td>15.63</td>
<td>1.26</td>
</tr>
<tr>
<td>1997</td>
<td>141</td>
<td>-3.89</td>
<td>133.60</td>
<td>15.54</td>
<td>1.06</td>
</tr>
<tr>
<td>1998</td>
<td>160.46</td>
<td>13.80</td>
<td>126.2</td>
<td>-5.54</td>
<td>1.27</td>
</tr>
<tr>
<td>1999</td>
<td>147.73</td>
<td>-7.93</td>
<td>117.32</td>
<td>-7.04</td>
<td>1.12</td>
</tr>
<tr>
<td>2000</td>
<td>143.38</td>
<td>-2.94</td>
<td>113.04</td>
<td>-3.65</td>
<td>1.26</td>
</tr>
<tr>
<td>2001</td>
<td>127.32</td>
<td>-11.20</td>
<td>113.07</td>
<td>0.03</td>
<td>1.12</td>
</tr>
<tr>
<td>2002</td>
<td>145.77</td>
<td>14.49</td>
<td>103.41</td>
<td>-8.54</td>
<td>1.40</td>
</tr>
<tr>
<td>2003</td>
<td>143.29</td>
<td>-1.70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>161.99</td>
<td>13.05</td>
<td></td>
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<tr>
<td>2005</td>
<td>176.00</td>
<td>8.65</td>
<td></td>
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</tr>
</tbody>
</table>

**Growth Rate (% per annum)**

- 1995 to 2005: 2.70
- 1995 to 2001: 2.62
- 2001 to 2005: 7.82

**Summary Statistics**

#### 1995 to 2005

- **Min**: 100.00, -11.20, 100.00, -8.54, 1.00
- **Max**: 176.00, 46.71, 133.60, 15.63, 1.40
- **Mean**: 144.88, 6.90, 115.28, 0.92, 1.20
- **CV (%)**: 13.56, 244.61, 9.52, 1129.85, 10.91
- **R(DP/IP)**: 0.59

#### 1995 to 2001

- **Min**: 100.00, -11.20, 100.00, -7.04, 1.00
- **Max**: 160.46, 46.71, 133.60, 15.63, 1.27
- **Mean**: 138.09, 5.76, 116.98, 2.50, 1.17
- **CV (%)**: 14.09, 379.44, 9.12, 417.17, 9.58
- **R(DP/IP)**: 0.73

#### 2001 to 2005

- **Min**: 127.32, -11.20, 103.41, -8.54, 1.12
- **Max**: 176.00, 14.49, 113.07, 0.03, 1.40
- **Mean**: 150.87, 4.66, 108.24, -4.26, 1.26
- **CV (%)**: 12.37, 233.97, 6.31, -142.30, 15.71
- **R(DP/IP)**: -1.00

**Source:**

1. Same as in Table 7.14
2. Computed.
Appendix Table A.6.24

Regression Results

<table>
<thead>
<tr>
<th>Dep.Var./ Equation</th>
<th>Cons. (Std.Error)</th>
<th>TRADOP, (Std.Error)</th>
<th>REER, (Std.Error)</th>
<th>DUM, (Std.Error)</th>
<th>$R^2$</th>
<th>DW Stat.</th>
<th>SEE</th>
<th>F. (SIG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>In PAIM,</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Equation 6.7</td>
<td>10.304 (6.393)</td>
<td>.003 (.008)</td>
<td>-.037 (.063)</td>
<td>.427 (.309)</td>
<td>.570</td>
<td>.567</td>
<td>.32650</td>
<td>3.090 (.099)</td>
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<tr>
<td>Equation 6.8</td>
<td>12.380 (6.557)</td>
<td>.010 (.006)</td>
<td>-.064 (.063)</td>
<td>.452 (.607)</td>
<td>.34454</td>
<td>3.305 (.090)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equation 6.9</td>
<td>5.769 (.612)</td>
<td>.013 (.005)</td>
<td></td>
<td>.382 (.724)</td>
<td>.34503</td>
<td>5.570 (.043)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>In AEXP,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equation 6.10</td>
<td>9.916 (1.790)</td>
<td>.009 (.002)</td>
<td>-.007 (.018)</td>
<td>.158 (.087)</td>
<td>.916</td>
<td>1.122</td>
<td>.09144</td>
<td>25.572 (.000)</td>
</tr>
<tr>
<td>Equation 6.11</td>
<td>10.682 (1.975)</td>
<td>.011 (.002)</td>
<td>-.017 (.019)</td>
<td>.877 (.748)</td>
<td>.10379</td>
<td>28.494 (.000)</td>
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</tr>
<tr>
<td>Equation 6.12</td>
<td>8.945 (.182)</td>
<td>.012 (.002)</td>
<td></td>
<td>.865 (.840)</td>
<td>.10251</td>
<td>57.621 (.000)</td>
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</tbody>
</table>
Appendix Table A.6.25
Basic Variables Used in Regression Analysis

<table>
<thead>
<tr>
<th>Year</th>
<th>Population (million)</th>
<th>Index of Trade Openness (1995-96 = 100)</th>
<th>Real Effective Exchange Rate (1995-96 = 100) (36-currency bilateral weights)</th>
<th>log Per Capita Agriculture Imports (Rs.)</th>
<th>log Agriculture Exports (Rs crores)</th>
<th>Dummy</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-96</td>
<td>928</td>
<td>100.00</td>
<td>100.00</td>
<td>6.45</td>
<td>10.09</td>
<td>0</td>
</tr>
<tr>
<td>1996-97</td>
<td>946</td>
<td>97.11</td>
<td>97.52</td>
<td>6.55</td>
<td>10.09</td>
<td>0</td>
</tr>
<tr>
<td>1997-98</td>
<td>964</td>
<td>96.61</td>
<td>100.55</td>
<td>6.81</td>
<td>10.12</td>
<td>0</td>
</tr>
<tr>
<td>1998-99</td>
<td>983</td>
<td>94.26</td>
<td>97.26</td>
<td>7.30</td>
<td>10.15</td>
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</tr>
<tr>
<td>1999-00</td>
<td>1001</td>
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<td>99.44</td>
<td>7.38</td>
<td>10.14</td>
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</tr>
<tr>
<td>2000-01</td>
<td>1019</td>
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<td>100.63</td>
<td>7.08</td>
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<tr>
<td>2001-02</td>
<td>1038</td>
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<td>10.30</td>
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<tr>
<td>2002-03</td>
<td>1055</td>
<td>116.40</td>
<td>97.36</td>
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<td>10.45</td>
<td>1</td>
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<tr>
<td>2003-04</td>
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<td>95.19</td>
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<td>10.53</td>
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<td>2004-05</td>
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<td>138.74</td>
<td>95.39</td>
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<tr>
<td>2005-06</td>
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<td>157.64</td>
<td>98.16</td>
<td>7.55</td>
<td>10.82</td>
<td>1</td>
</tr>
</tbody>
</table>

Source:
1. Agricultural Statistics at a Glance (various issues).