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in a Sustainable Postharvest System of Agricultural Products
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PHYTOSANITARY ISSUES FACILITATING INTERNATIONAL TRADE

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Turkey is a major producer of agricultural products having 2005 exports valued at \$3.5 billion US. These products include fresh fruits and vegetables, dried fruits and nuts, pulses and cereal grains. International movement of agricultural products constitutes major pathways for the introduction of invasive species that can threaten agricultural and other natural resources. Facilitating trade between trading partners requires implementing guidelines set forth in the WTO Sanitary and Phytosanitary Agreement that allows members to take scientifically based measures to protect plant and animal health. These include sustained cold treatment, heat treatment, fumigation, irradiation, controlled atmospheres, and system approach. Some of these measures will be discussed in relation to postharvest commodities exported from Turkey.

Key words: Phytosanitary, postharvest commodities, Turkey, fumigation, irradiation, heat treatment