



## Water-Related Technologies for Sustainable Agriculture in Arid/Semi-arid Lands: Selected Foreign Experience

By Office of Technology Assessment

University Press of the Pacific, United States, 2004. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This report complements the forthcoming OTA assessment on water and agriculture in U.S. arid/semi-arid lands. The full assessment focuses on U.S. experience. Foreign experience is also important, however, particularly as U.S. agricultural, economic, and foreign aid interests are increasingly linked with those of other countries. The global significance of agricultural research and development on arid/semi-arid lands is underscored by the fact that as much as 20 percent of the Earth's surface is arid and semi-arid, containing nearly 16 percent of the world's population. Described are selected foreign experiences using technology to develop and sustain agriculture in arid lands. The selection of examples was based on three broad considerations: 1) availability of current reliable information, 2) variety of examples both in land use and technology type, and 3) projects of potential interest and relevance to the United States. The examples include breeding crops for drought resistance, game ranching, improving irrigation management, developing rubber production from arid/semi-arid plants, and adopting technology-intensive water programs and policies. U.S. cooperative efforts with some of these experiments and...



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