THE CPHST QUARANTINE TREATMENT PORTAL

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The USDA Center for Plant Health Science and Technology (CPHST) Treatment Quality Assurance Unit (TQAU) is developing the Commodity Treatment Information System (CTIS). The CTIS is a web-based data storage and retrieval system for tracking and reporting on USDA Quarantine treatments. The CTIS also integrates treatment regulation information from a variety of sources, providing automated review of data and quick access to treatment information. The implementation of this system is part of an accelerated evolution from localized paper based treatment tracking and approval to distributed automated electronic systems. Significant efficiencies have been and will continue to be realized for USDA and industry as treatment quality is improved, access to information is accelerated, and treatment approval times are reduced. This system will be utilized internally by TQAU to perform quality assurance audits of treatment facilities. Design, development, and deployment of the systems are staged by treatment group. Currently the fumigation and cold treatment systems are deployed, the irradiation system is in development, and the heat treatments (vapor heat, forced hot air, hot water dip, nijer seed) are in the design phase.