

THE PESTPATROL NON-DESTRUCTIVE DIAGNOSTIC METHOD

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The main goal of the PestPatrol Project is to introduce a non-destructive diagnostic method to different agriculture markets, thus solving one of the major problems global phytosanitary control – inefficiency of current pest detection techniques. Solving this problem will leverage the agriculture & the bio-fuel industry to a greener stage. In order to achieve that goals, there is a need for standardization on national and international levels by the Food Agriculture Organization (FAO) which will recommend the PestPatrol System as a standard system to the agriculture world. A world wide provisional patent was submitted on the concept.

The PestPatrol system is based on X-Ray Digital Imaging technology and has great potential to considerably contribute to the Integrated Pest Management (IPM) & Quality Assurance (QA) disciplines, by providing a fast and accurate method of pest detection, thus significantly shortening quarantine periods of imported agricultural commodities and plants. Furthermore, there is a wide range of target markets for the PestPatrol system, since many agricultural sectors suffer severe economic damages as a result of insects infestation. The PestPatrol is non-destructive diagnostic method that meets the need of issuing Pest Free Certificate (PFC) prior to exportation at ports of entry. The method will considerably increase the efficiency of phytosanitary control worldwide by shortening quarantine periods of imported trees and plants, thus removing some major world trade barriers.