



GEORGIA Federal - State Shipping Point Inspection Service, Inc.

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Last year Georgia Federal-State Inspection Service inspected over 1.85 million tons (53% of U.S. production) of Farmer Stock Peanuts. The inspection process is critically important to determine both the quality and value of the peanut crop. Georgia Federal-State employs and trains over 1100 seasonal workers annually to complete the inspection process. The inspection of peanuts uses “old school” technologies (belts, motors, screens) operated by seasonal workers who collect, sort, weigh, and visually inspect peanut samples during the harvest season. There is a tremendous need for enhanced technology to automate the peanut inspection process.

See Produce has demonstrated a Beta design of a Foreign Material Machine that incorporates AI technology with air valves and solenoids to efficiently separate a peanut inspection sample into the three sub-classes of material used to start the inspection process. The current Foreign Material Machine was designed over 60 years ago and uses belts and rollers to separate the sample. It is not very efficient at the separation and the worker must hand-sort the three components into the correct bin.

Georgia Federal-State Inspection Service has met with See Produce to provide feedback on their Beta Foreign Material Machine, and has found their project to be viable. The next step is to develop a working proto-type for real-world testing in a Farmer Stock environment. Georgia Federal-State Inspection Service will commit to helping fabricate and build the prototype as well as provide personnel and sites for testing.

Clay Pirkle
President
Georgia Federal-State Inspection Service