

PROGRESS IN SEALED STACK TECHNOLOGY

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Sealed stack technology has been accepted and is used as one of a number of methods for storage of rice in Indonesia. Experience gained with the technique has indicated a need for some improvements to meet operational requirements in commercial application. A major constraint has been gas loss through holes made in the floor sheet when pallets are placed on it. Trials with a reduced number of pallets indicate that quality remains unimpaired when grain is stored directly on the floor sheet.

This paper presents concepts that i) eliminate the requirement for floor sheets and could achieve increased operational flexibility in warehouses, and ii) describe a method of application for fumigation of containers.