

Smart Ventilation System for Onion Storage

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Abstract: *In terms of global onion production, India comes in second. In India, onions accounted for 6% of all vegetable production. It significantly affects both the national economy and the financial standing of farmers and consumers. The air that is hot, cold, and humid is exposed to the onions that are kept in onion sheds. Owing to ongoing climate change, things may decay. Once the process begins, it expands quickly and dramatically, causing unanticipated loss. This system can assist in preventing loss. Gas emissions are detected using a variety of gas sensors. A designed system delivers an alert and notifies the owner when onions begin to decay. The three primary functions of the suggested system are detecting rotting onions through smell, alerting the user, and opening and closing curtains..*

Keywords: onion production

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