

Title Distinguishing injury from damage and post-storage damage projection.
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Abstract

If injury (I) of stored commodities becomes a unit of measurement of quality damage (D), the two terms need not be distinguished. It is proposed that the location aspect of sampling of I and D parameters may help to introduce an "I-D concept" into the storage and marketing of crop commodities, thereby potentially increasing field and storage economic injury level equations (EILs). The injury of stored commodity should be estimated in the store and damage to the marketable-commodity should be measured after stocking it out of the store. The harvest or stocking-out corrective interface provides farmers with an opportunity to convert quality damage caused by injurious organisms into quantity damage. Non-injurious biological contamination without any weight loss can be identified. This may lead to higher pest tolerance (non-zero EIL) during the storage of a commodity. Non-zero tolerance generally creates much more favourable conditions for accepting biological control and partial crop resistance for the management of pests of stored products and other product-quality sensitive types of agricultural environment.