

RESEARCH BRIEF FOR AFFILIATES

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| Name | Kent Rausch | | |
| Department/Group | Agricultural and Biological Engineering | | |
| Title(s) | Associate Professor | | |
| Degrees | Degree, discipline | Year | School |
| | PhD, Agricultural Engineering | 1993 | University of Illinois |
| | MS, Agricultural Engineering | 1989 | University of Missouri |
| | BS, Agricultural Engineering | 1987 | University of Missouri |
| Emphasis | Food Systems | | Food Security |
| | <input type="checkbox"/> Production <input checked="" type="checkbox"/> Post Farm <input type="checkbox"/> Consumer <input type="checkbox"/> Sustainability <input type="checkbox"/> Social/Economic <input type="checkbox"/> Legal/Policy | | <input type="checkbox"/> Availability of food <input type="checkbox"/> Access to food <input type="checkbox"/> Utilization of Food <input type="checkbox"/> Nutrition <input type="checkbox"/> Stability of availability/access/utilization |
| <p>Research to reduce postharvest losses (PHL) can lead to new policies as well as storage, handling and processing methods that increase the amount of food harvested that eventually reaches the consumer. PHL essentially takes away harvested food and removes it from the food chain. Technologies such as storage methods useful to small holder farmers can improve profitability of small holder farming as well as increase the volume and quality of food available to the end user.</p> <p>Dr. Rausch's work includes: hermetic storage of wheat in Haryana, a collaboration with Haryana Agricultural University; a project with Bihar Agricultural University and Rajendra Agricultural University to analyze postharvest losses (PHL), conducting applied research that may reduce PHL and determining the potential impact of revised governmental policies as well as implementation of postharvest technologies to reduce PHL; also assessment of postharvest losses in San Luis Potosi, Mexico.</p> | | | |
| Countries or regions of collaborations | | | |
| India, Brazil, Mexico | | | |