Stewardship of Transgenic Products—Traceability Protocol for Producers
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Several market pressures (new GM events, food safety, food security regulations) are creating the need for more traceability of raw grains. ISU scientists, using a federal earmark grant (Food Chain Economic Analysis), have been developing the theory and practice of traceability for agricultural products. ISU has also participated in several world standards and research activities related to traceability. In 2007, a question arose related to planting GM corn that was not fully world approved. There is a need for a practical, auditable third-party supported protocol that can be used by producers and handlers to plant such grains in the future, because GM events will be used to create the increased yield required for biofuels.

Objectives for FY2008

1. Create a practical and auditable protocol for the large scale production/documentation of less than completely approved GM events.
2. Assure that the proposed protocol conforms to ISO (22000) and Codex Alimentarius traceability standards. Maximize the number of private and public standards that the protocol could meet.
3. Collaborate with one or more entities that have an interest in promoting or auditing production of these events.

FY2008 Expected Outputs

Description, flowchart and expected resource requirements for progressively stringent isolation of incompletely approved GM events from market chains in which there is not yet acceptance.

Supporting Projects