Feed the Future Food Security Innovation Labs: Collaborative Research Programs

Peanut and Mycotoxin Innovation Lab

University of Georgia
Peanut and Mycotoxin Innovation Lab

• History of productive research, worldwide

• Transitional Period
  – Leadership (Interim Dir., Assoc. Dir.)
  – Funding Cycle (applied for Phase 2 funding, no current projects)
  – USAID Feed the Future Initiative
Peanut and Mycotoxin Innovation Lab

• Why Peanut?
  – Grown worldwide
  – High nutritional value
  – Value as legume in multi-crop rotational systems
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• Why Mycotoxins
  – Research continues to show how mycotoxins are negatively impacting human health in developing countries
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• Why UGA?
  – By far, GA is largest peanut-producing state in U.S.
  – Large investment in multi-disciplinary expertise and facilities
  – Most successful breeding program
  – Well connected to other expertise worldwide
Peanut and Mycotoxin Innovation Lab

- What will new PMIL Offer?
  - Total peanut value chain research support
    - Production (breeding, cultural practices, seed prod.)
    - Storage
    - Processing (shelling, roasting, product manufacturing)
    - Marketing
    - Nutrition
Peanut and Mycotoxin Innovation Lab

• What will new PMIL Offer?
  – Mycotoxin Mitigation Research
    • For all relevant crops, not just peanut
    • Breeding for resistance
    • Cultural practices
    • Storage systems
    • Monitoring systems
The New PMIL

• Verbal approval of $15M, 4.2 year funding
• Plan to target Mozambique, Malawi, Zambia, Ghana and Haiti
• Hope to maintain previous breeding program investments in Uganda and Bolivia
• Hope to release an RFP for new projects in April, 2013
• Will advertise for new Director soon