Technology Transfer: Introduction
Conduct research to develop & transfer solutions to agricultural problems of high national priority and provide information access and dissemination.
ARS Guiding Principles & Values

• Provide leadership to solve critical national agricultural technical problems

• Develop and transfer high quality scientific research, technologies, and information

• Support long-term research to provide a foundation for problem solving and policy formulation

• Promote interdisciplinary research and systems approaches

• Respond to the needs of customers, stakeholders, and partners

• Promote integrity, ethical conduct, and public accountability in all of our activities
“Research is only successful if the information and technologies developed are transferred to those who need them.”
Why Do Technology Transfer?

• Facilitates adoption of research outcomes - greater impact
• Enhances economic development
• Supports and furthers ARS mission
• Required by Federal law
Technology Transfer Principles

- Facilitate partnerships to allow adoption of research outcomes for broad US public benefit
- Protect intellectual property only if it enhances adoption of research outcomes, not income generation
- Enhance U.S. economic development, global competition, & sustainable economic security
Technology Transfer Mechanisms

- Scientific publications and presentations
- Trade journals and newsletters,
- Press releases and videos
- Demonstrations, field days, and workshops
- Public databases, websites, and germplasm

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- Cooperative research partnerships

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- Patenting and licensing of technologies and plants (ARS does not utilize trademarks, trade secrets, or copyrights)
Technology Transfer Strategies

IP protected

Exclusive License

Non-Exclusive License

IP not protected

Public Domain
TT Strategy & Tactical Plan

Office of Technology Transfer
IP Management

Line Management
Program Implementation

Office of National Programs
Program Development
ARS Technology Transfer Program

Area Offices:

• Coordinator and Support Staff
• Implement TT Policy & Procedures

Office of Technology Transfer, Beltsville, MD:

• Partnership, Patenting and Licensing Staff
• Develop TT Policy & Procedures
Partnership Section

✓ Approve agreements that address IP concerns
✓ Support agreement development with the Area, EAD & OIRP
✓ Coordinates ARP Network
✓ Teams with ONP & Line Management to determine TT strategies
Patenting Section

✓ Manages invention disclosure review process
✓ Prepares, files, & prosecutes U.S. patents
✓ Obtain research results to maximize patentability
Licensing Section

✓ Manages license application, drafting & negotiation process
✓ Collects & distributes royalties
✓ Facilitates & directs foreign filings with contractor
✓ Obtain research results to maximize commercial partner success
Visit Office of Tech Transfer website for contact information for partnership, patenting and licensing staff:

www.ars.usda.gov/business
ARS Technology Transfer Program

Area Offices:

• Coordinator and Support Staff
• First POC for Area Scientists & Companies
• Implements TT Policy & Procedures
• General TT advice & coordinate TT training
• Negotiate & implement research agreements
• Reviews reports & documents for IP management implications
The bold lines reflect the boundaries of the ARS geographic Areas.

Pacific West Area

Midwest Area

North East Area

South East Area

Plains Area
Tech Transfer is a Team Effort

OTT & Area TT Office are here to help
Thank you!

To learn more about technology transfer in ARS:

http://www.ars.usda.gov/business