

# Agricultural Research Service Office of Technology Transfer

## Technology Transfer: Introduction

*Celebrating 150 years serving every American*

Every Day, Every Way



# Agricultural Research Service (ARS) Mission

**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**

# Technology Transfer



## SCIENCE IN YOUR SHOPPING CART



Some of the many ways, both familiar and surprising, that agricultural research touches and improves daily life in the United States



U.S. DEPARTMENT OF AGRICULTURE • AGRICULTURAL RESEARCH SERVICE

Program Aid 155B

“Research is only successful if the information and technologies developed are transferred to those who need them”.

# Why Do Technology Transfer?

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

# Technology Transfer Principles

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- 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
- 
- Cooperative research partnerships
- 
- Patenting and licensing of technologies and plants (ARS does not utilize trademarks, trade secrets, or copyrights)

**Technology  
Transfer  
Strategy**



**Adoption  
Research  
Outcome**

# Technology Transfer Strategies

**IP**  
**protected**

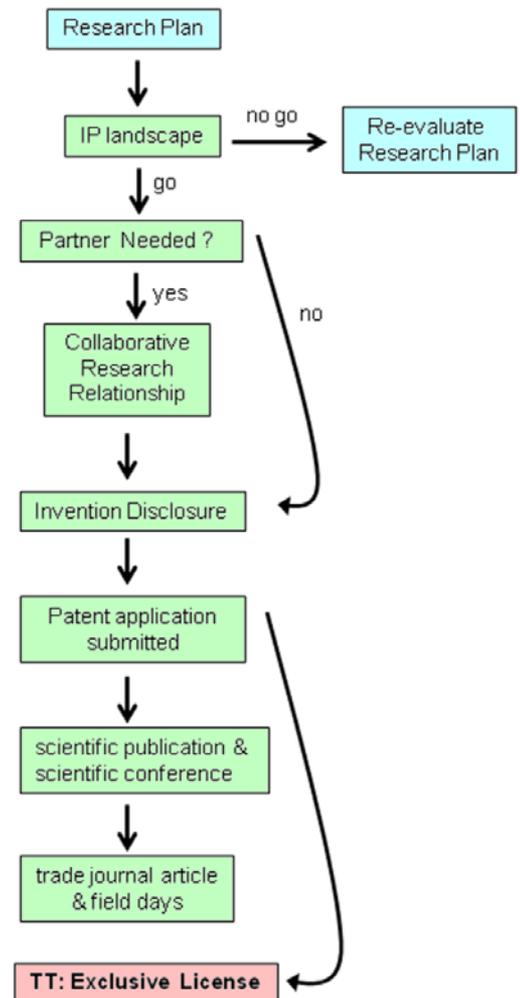
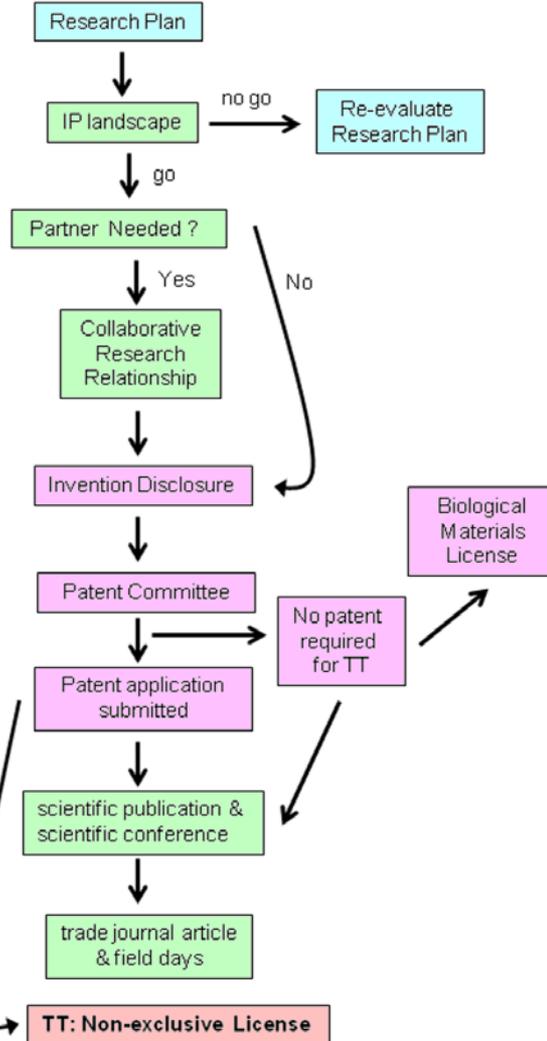
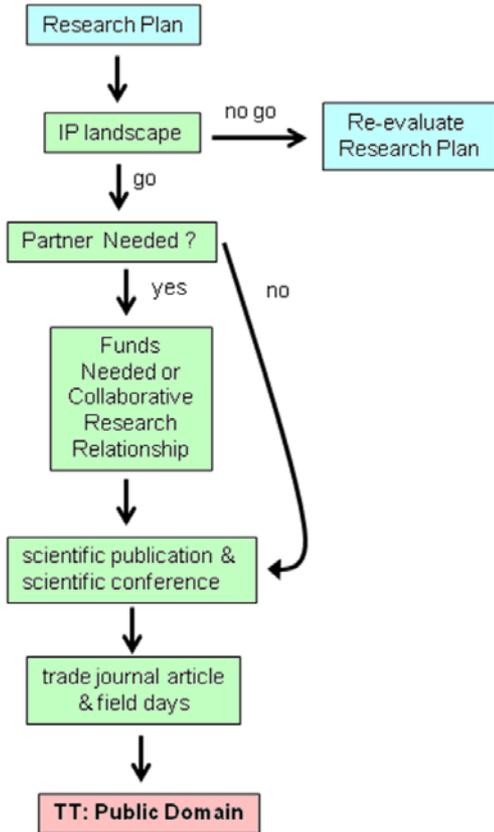
**IP**  
**not protected**

**Exclusive  
License**

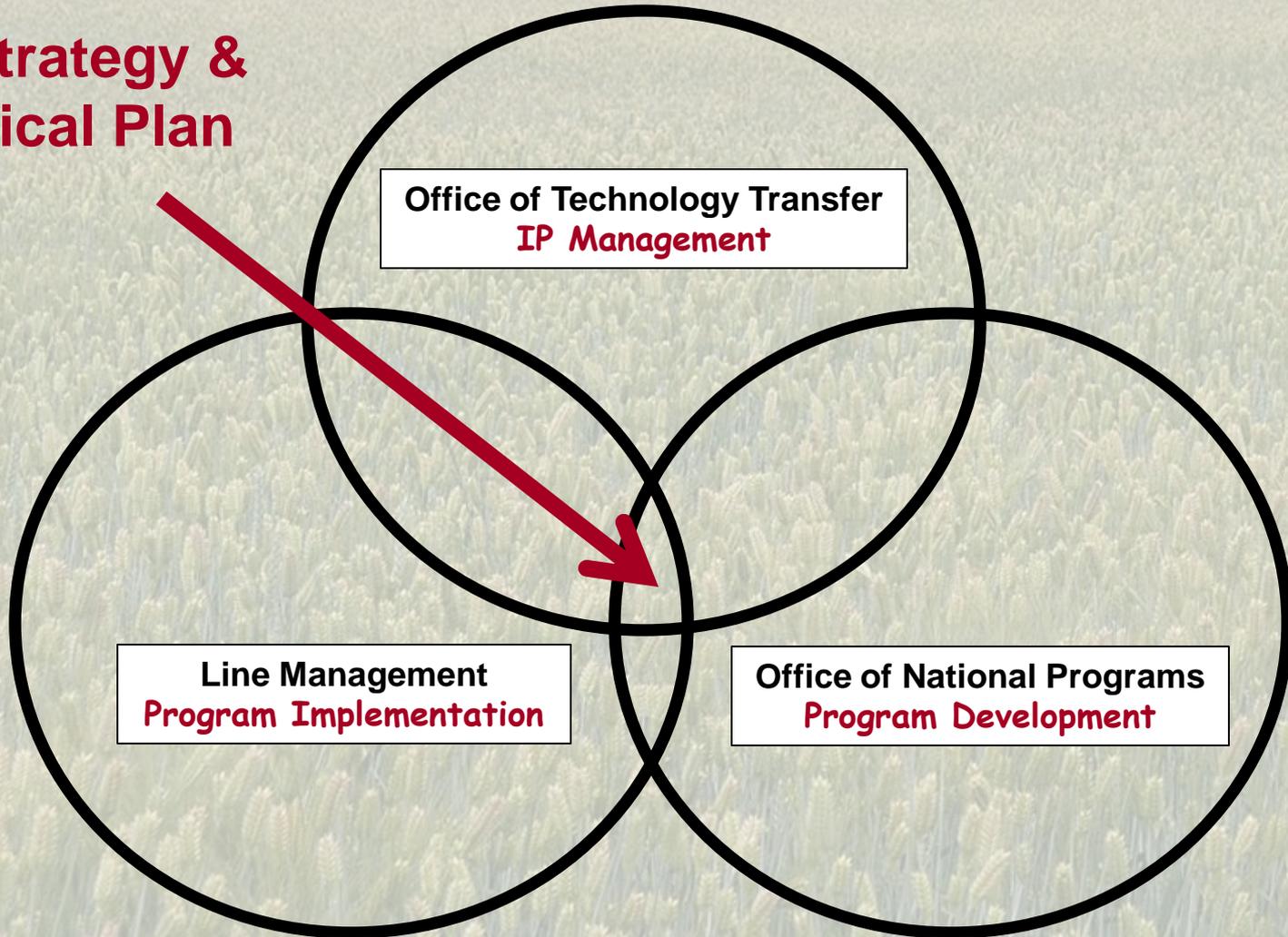
**Non-  
Exclusive  
License**

**Public  
Domain**

# Technology Transfer Tactical Plans



# TT Strategy & Tactical Plan



# 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](http://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**

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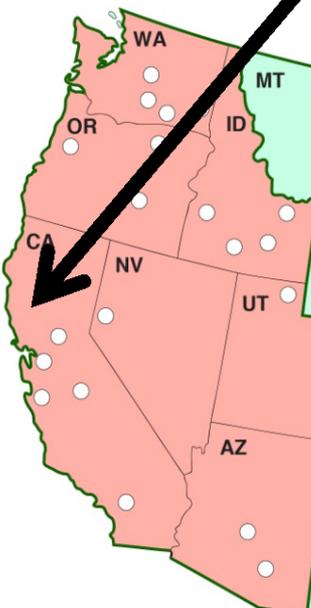
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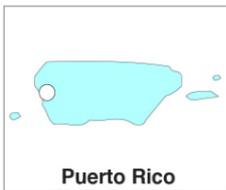
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The bold lines reflect the boundaries of the ARS geographic Areas.



# 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>