

Agricultural Research Service Overview



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National Program Leader

Soil Management

Natural Resources & Sustainable Agricultural Systems



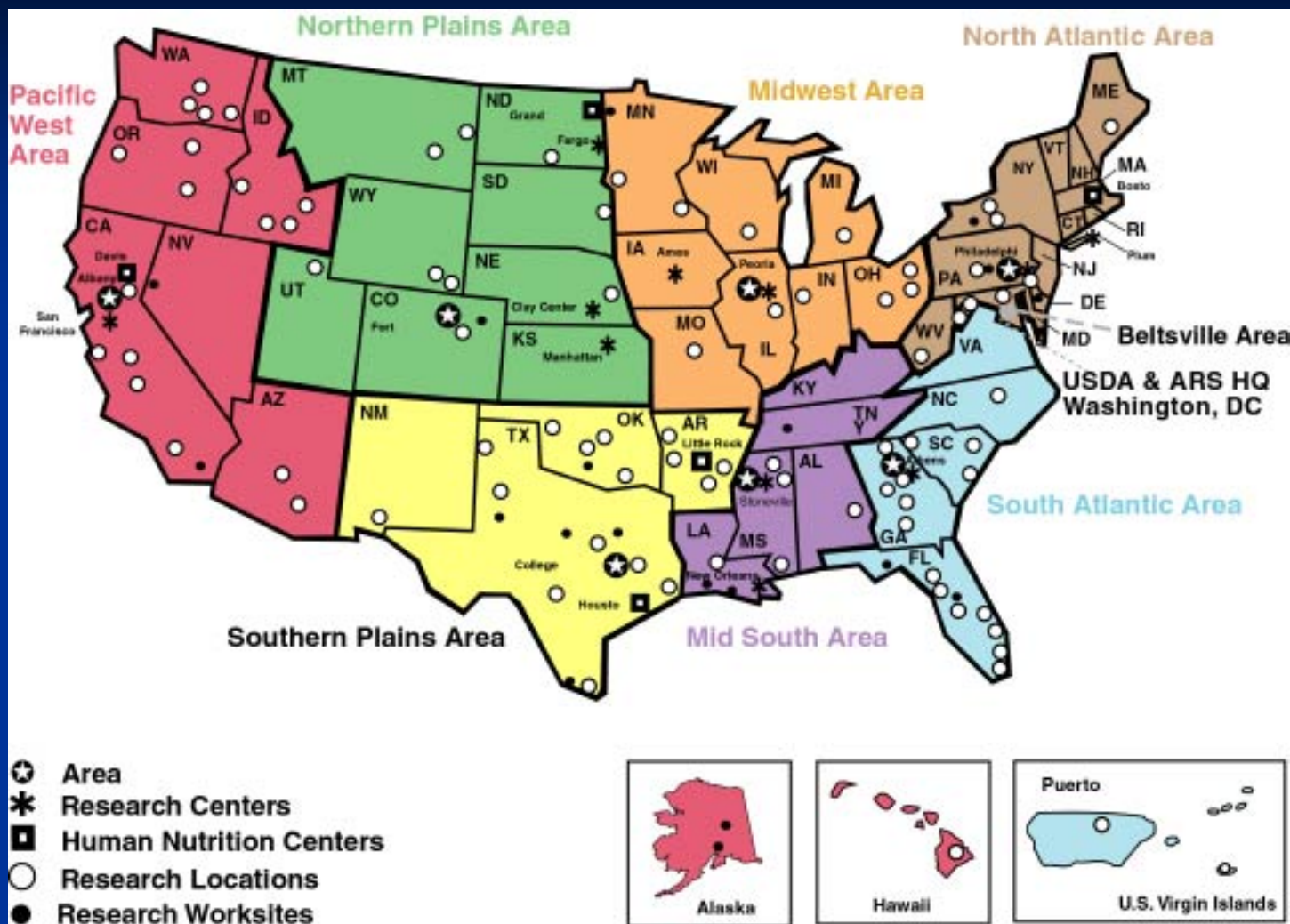
Organization of the Agricultural Research Service

Secretary of Agriculture
Thomas J. Vilsack

Under Secretary of REE
Rajiv Shah



USDA-ARS Locations



- Montpellier, France
- Rome, Italy
- Thessaloniki, Greece

- Brisbane, Australia
- Beijing, China
- Hurlingham, Argentina



Profile of the Agricultural Research Service

- In-house research arm of USDA
- Farm-to-table research scope
- 19 National Programs
- 1,100+ projects
- 8,000+ employees
- ~2000 scientists
- 100+ laboratories
- \$1.1B annual budget
- Partnerships
- International collaboration



ARS Customers

- Federal Action and Regulatory Agencies
- Producers—Farmers and Ranchers
- Industry
- Non-governmental Organizations (NGOs)
- State and Local Governments
- Consumers

How Do We Meet Our Mission?

Through National Programs

–A National Program is a set of research projects directed toward **common goals** to solve agricultural problems of high **National priority**.

- National Programs are outcome driven, e.g., “A safer food supply”

Role of National Program Staff



- Maintain relevance of research program through:
 - Priority setting
 - Budget development
 - Program analysis
 - Reporting to Congress and stakeholders
 - Program coordination

Agricultural & Industrial Byproduct Utilization

- Management, Enhancement, and Utilization of Manure Nutrients and Resources
- Manure Pathogens and Pharmaceutically Active Compounds (PACs)
- Atmospheric Emissions
- **Developing Beneficial Uses of Agricultural, Industrial, and Municipal Byproducts**
 - **Enhance the Value of Agricultural, Industrial, and Municipal Byproducts by Developing Beneficial Uses**
 - **Increase Understanding of the Risks and Benefits of Using Byproducts in Agriculture and Horticulture**

ARS National Programs

Animal Production

Food Animal
Production

Animal Health

Veterinary, Medical,
and Urban

Entomology

Aquaculture

Natural Resources

Water Availability &
Watershed
Management

Soil, Air & Global
Climate Change

Rangelands, Pasture
& Forage Systems

**Agricultural &
Industrial Byproduct
Utilization**

**Integrated
Agricultural Systems**

Bioenergy & Energy
Alternatives

Crop Production

Plant Genetic
Resources,
Genomics &
Genetic
Improvement

Plant Biological &
Molecular
Processes

Plant Diseases

Crop Protection &
Quarantine

Crop Production

Methyl Bromide
Alternatives

Nutrition

Human Nutrition

Food Safety
(animal & plant
products)

Quality &
Utilization of
Agricultural
Products



*Leading America towards a better future
through agricultural research and
information.*

USDA

