



Agricultural Research Service

Outline

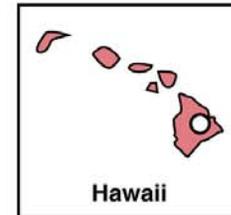
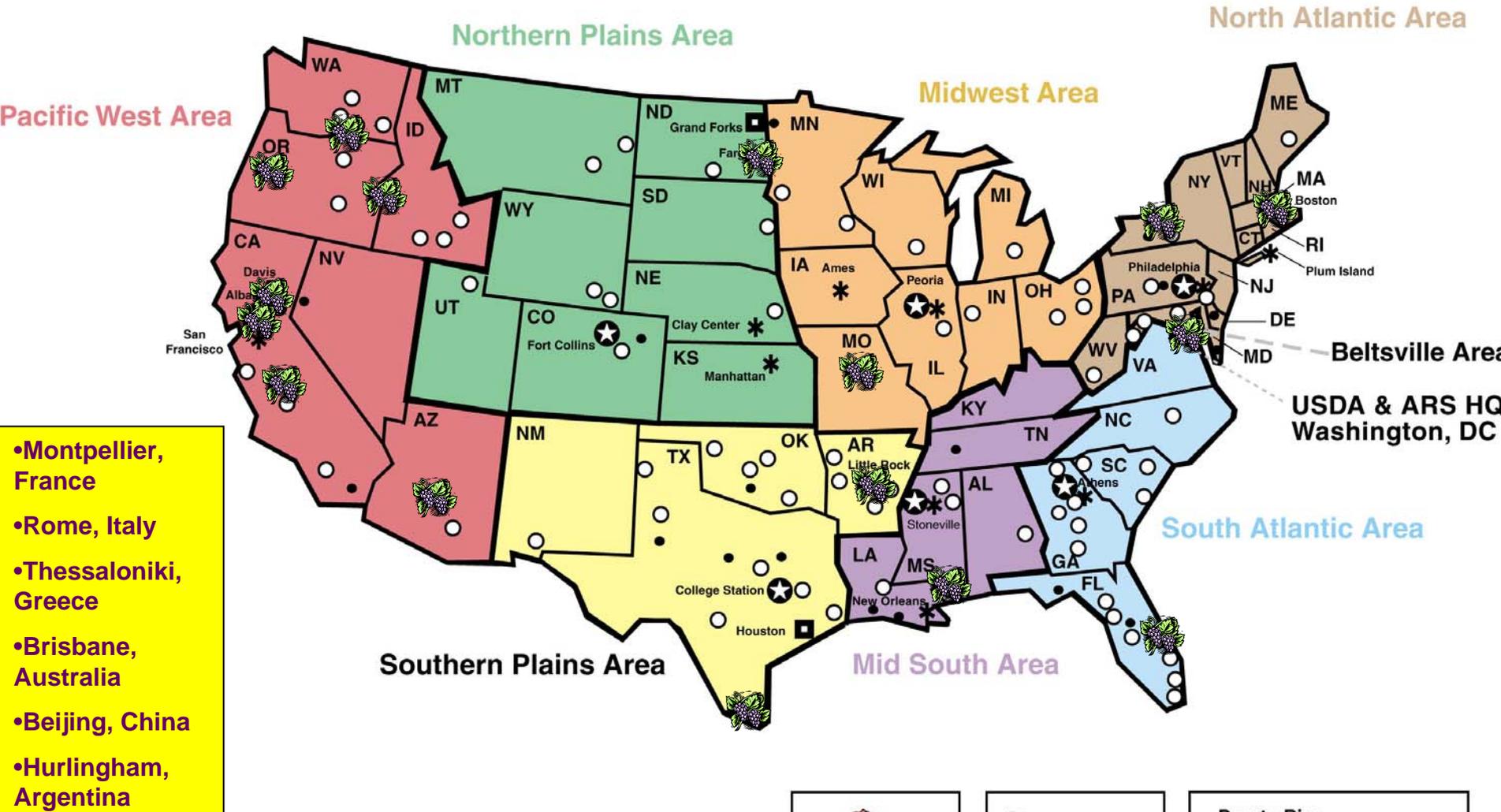
- **ARS structure & process**
- **Specialty Crops Research Initiative**
- **ARS/NGWI Workshop 2007**

Profile of the Agricultural Research Service

- **Scientific research arm of USDA**
- **Farm-to-table research scope**
- **Information and technology transfer**
- **National Programs**
- **1,100+ projects**
- **FY07 Budget—\$1.1 billion**
- **9,000+ employees**
- **2,500+ scientists**
- **100+ laboratory locations**
- **International collaboration**
- **Partnerships with other Federal agencies, universities and industry**



Agricultural Research Service Area Organization



ARS Mission

- ARS conducts research to develop and transfer solutions to agricultural problems of high national priority and provide information access and dissemination to:
 - ensure high-quality, safe food, and other agricultural products
 - assess the nutritional needs of Americans
 - sustain a competitive agricultural economy
 - enhance the natural resource base and the environment, and
 - provide economic opportunities for rural citizens, communities, and society as a whole.



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”



ARS National Programs

Animal Production

Food Animal
Production (101)

Animal Health (103)

Veterinary, Medical,
and Urban
Entomology (104)

Aquaculture (106)

Natural Resources

Water Quality &
Management (201)

Soil Resource
Management (202)

Air Quality (203)

Global Change (204)

Rangeland, Pasture
& Forages (205)

Manure &
Byproduct
Utilization (206)

Integrated
Agricultural
Systems (207)

Bioenergy & Energy
Alternatives (307)

Crop Production

Genetic Resources,
Genomics and
Genetic
Improvement (301)

Plant Biological &
Molecular
Processes (302)

Plant Diseases (303)

Crop Protection &
Quarantine (304)

Crop Production
(305)

Methyl Bromide
Alternatives (308)

Human Nutrition

Human Nutrition
(107)

Food Safety
(Animal & Plant
Products) (108)

Quality and
Utilization of
Agricultural
Products (306)



Grape Research



30+ projects

\$14.5M



**ARS National
Program
Cycle
(5 year)**

RELEVANCE

Input

Assessment

Planning

Implementation

IMPACT

QUALITY

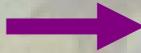


USDA- ARS Input

Executive and
Legislative Branch



Customers,
Partners & Stakeholders
(Workshops)



**ARS
Program &
Budgeting
Priorities**



Agency
Scientists &
Managers



Scientific Communities



Budget Process

- NPS budget proposal to ARS Administrator
- ARS budget proposal to Under-Secretary
- Dept level Budget & Planning to Secretary
- Secretary of Agriculture to OMB
- OMB passback - what can be put forward to President
- President's Budget – 1st Tues of Feb.

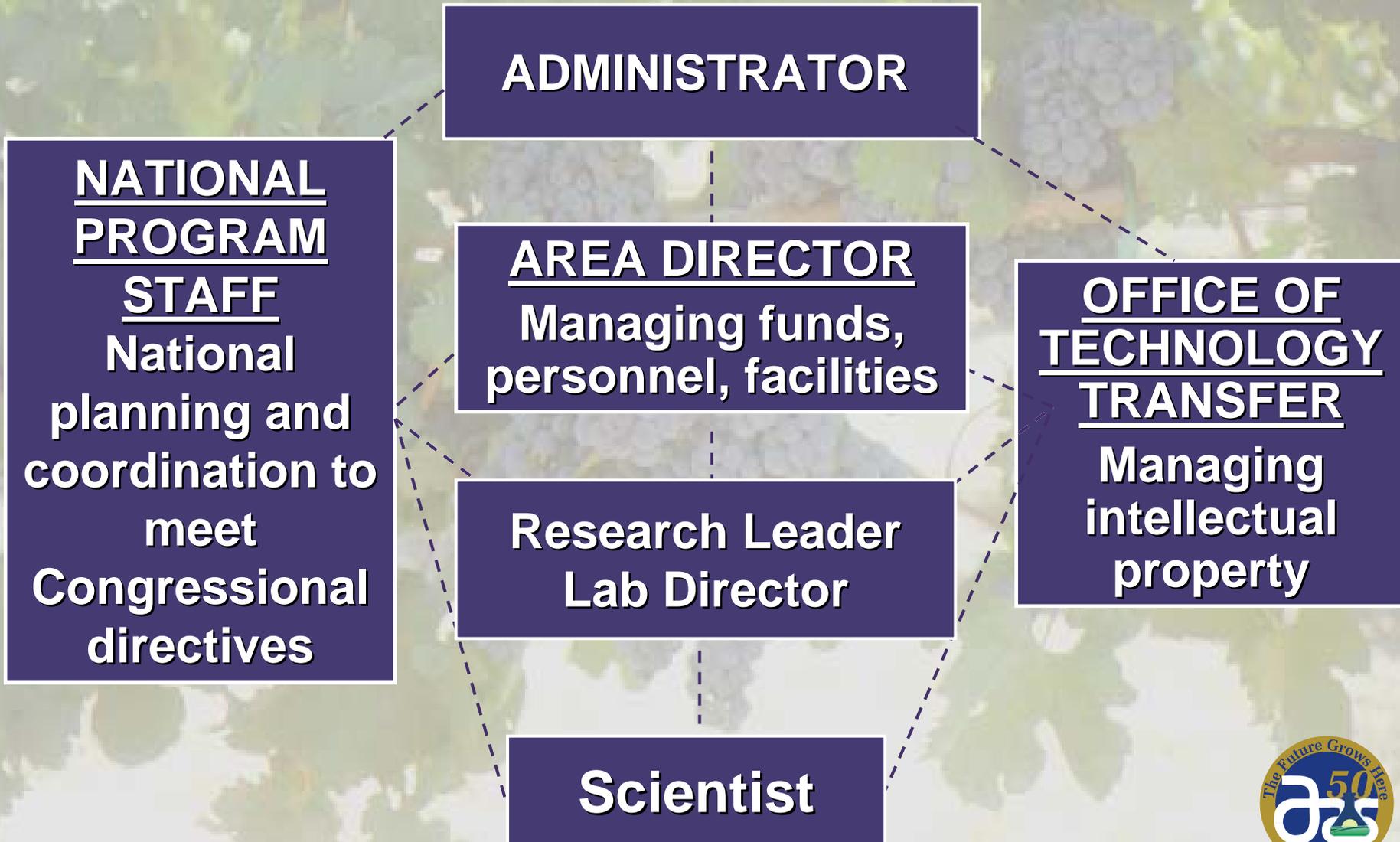


USDA- ARS Planning

- Action Plan (input from customer workshops)
- Program Direction and Resource Allocation Memo (PDRAM)
- Project Plan
- Office of Scientific Quality Review



ARS - Implementation



ARS - Implementation

NATIONAL PROGRAM STAFF

Judy St. John
Peter Bretting
Molly Kretsch
Sally Schneider
Kevin Hackett
Rick Bennett
Ken Vick
Dave Klurfeld
Frank Flora
Mark Wertz

AREA DIRECTORS

Dwayne Buxton – Pacific West
Wilda Martinez – North Atlantic
Will Blackburn – Northern Plains
Dan Upchurch – Southern Plains
Steve Shafer – Midwest
Ed King – Mid-South
Darrell Cole – South Atlantic
Phyllis Johnson - Beltsville



ARS – Implementation Key Personnel Changes since 2005

- **New Research Leaders**
 - Parlier, CA - Jim Leesch – Commodity Protection & Quality
 - Parlier, CA - Drake Stenger – PD/GWSS
 - Geneva, NY - Gan-Yuan Zhong – Genetics
- **New National Program Leader**
 - Sally Schneider



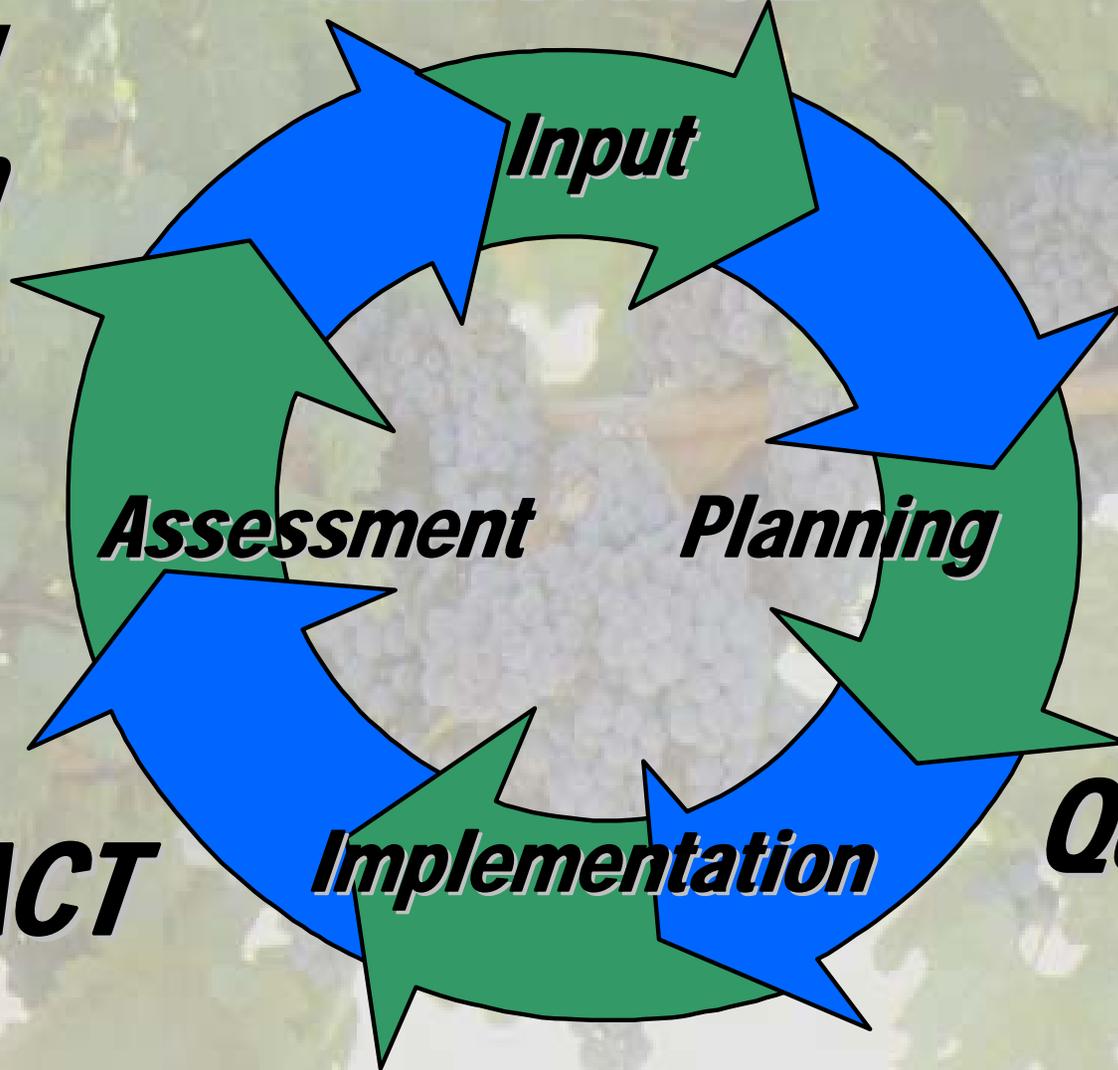
USDA- ARS Assessment

- **Review Panel**
 - **Scientists, industry**
 - **Did we accomplish what we had planned 5 years earlier?**
 - **Have those accomplishments had significant impact?**
- **Assessment Summary presented at Customer/Stakeholder Workshop**



ARS
National
Program
System

RELEVANCE



IMPACT

QUALITY

Process begins again





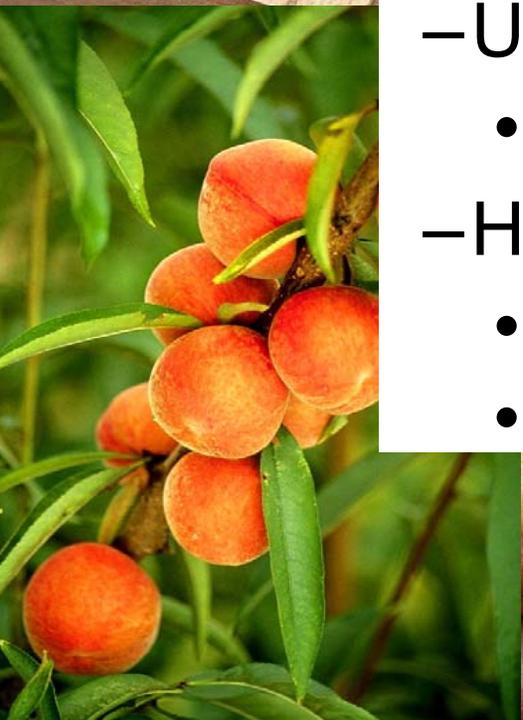
**Farm Bill - 2007
Specialty Crops Research
Initiative**





FY08 and Beyond

- USDA proposal
 - \$100 million/year for 10 years
- House Ag Committee mark-up
 - Authorized \$100M/year for 5 years
 - + \$215M over 5 years from CCC



What are “Specialty Crops”?

Fruits



**Nursery Crops
(including Floriculture)**



Vegetables



Tree Nuts



**Dried
Fruits**



National Agricultural Research Extension, Education, and Economics (NAREEE) Advisory Board Specialty Crop Committee

- Authorized by Congress in the Specialty Crops Competitiveness Act of 2004
- Charge is to study the scope of research, extension, and economics programs affecting the Specialty Crops industry





ARS/NGWI Workshop

Purpose of the Workshop

- ❖ present an update on changes in industry needs and priorities
- ❖ present an update on ARS accomplishments in Grape/Wine research
- ❖ build collaborative relationships for integrated research projects that span disciplines, locations and sectors
- ❖ develop a strategy for future research.



Expected Outcomes

- ❖ Learned about the current ARS grape/wine research efforts and developed a better understanding of issues important to the Grape/Wine Industry.
- ❖ Identified and prioritized areas for increased research emphasis, emerging issues and critical “gaps” as well as those issues that may be de-emphasized.
- ❖ Begun building or expanding collaborative research projects across disciplines, locations, and sectors and strengthened professional and interpersonal relationships with other meeting participants.
- ❖ Acquired knowledge, understanding, and contacts that will lead to increased research productivity and relevance to industry needs.



Research Highlights

- ❖ Very brief overview of ARS efforts in each topic area
- ❖ Primary Focus - Update on ARS research efforts since the 2005 workshop
 - ❖ More details in the breakout session
- ❖ Discussion



Breakout Sessions

- ❖ The meat of the workshop
- ❖ 8 Topic Areas
- ❖ Identify research needs
- ❖ Begin or continue to build teams – build strength on strength
- ❖ Logistics after lunch

Caveat

- ❖ Some research areas (nutrition, quality) are primarily covered by university researchers – what, if any, is the need or niche for research by ARS?
- ❖ In some cases, ARS is conducting research on other commodities
 - ❖ Not likely that this work would be re-directed to grape
- ❖ Bottom Line – new efforts will need new funds



Tuesday Evening

❖ Reception

- ❖ Opportunity to continue informal discussions while sampling grapes and grape products
- ❖ Many thanks to Washington Association of Wine Grape Growers for donating the wine for tonight's reception



Wednesday Morning

- ❖ Report outs from the breakout sessions
- ❖ Lively Discussion
- ❖ Identify next steps

Wednesday Afternoon

❖ Field Tour

- ❖ ARS and WSU research

- ❖ Buses will leave at 12:15pm SHARP!

 - ❖ Directly from the Convention Center

 - ❖ No time to return to hotel before buses leave

 - ❖ Come dressed for field tour on Wed. morning

 - ❖ Remember sun screen, sun glasses, hat

- ❖ Lunch at IAREC – many thanks to Washington State University

- ❖ Video Clips



Wednesday Evening

❖ Reception and Dinner

❖ After field tour and Before returning to hotel

❖ Desert Wind winery

❖ Many thanks to Washington Association of Wine Grape Growers and Ste Michelle Wine Estates





What Industry Needs

(solutions to
problems)

Communication

What ARS Wants

(researchable
questions to
solve
important
problems)

Partnership



On to the Highlights!



Thank You!



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