Secretary Vilsack's Goals

1. Rural communities create wealth so they are self-sustaining, repopulating and thriving economically.
2. National Forest and private working lands are conserved, restored and made more resilient to climate change and are managed to enhance water resources.
3. America leads the world in sustainable crop production and biotech crop exports.

Secretary Vilsack's Goals

4. America's children and the world's children have access to safe, nutritious and balanced meals.
5. USDA's constituents understand and appreciate what the agency can do for them every day in every way because USDA employees are engaged, valued, and productively serving the people of America and the world.

Priorities of Rajiv Shah; Chief Scientist, REE Undersecretary

[includes ARS (and NAL), NIFA, ERS and NASS]

- Climate Change
- Food Safety
- Children's Nutrition/Health
- International Food Security
- Bioenergy

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New administration… Exciting times!

- We support the goals of the new administration
- Shape our discussions as to how funds are used
- Priorities for FNRI have not changed:
- Congressionally mandated
- "transformational change" in the way USDA does research.
- Still focus on issues that affect Floral & Nursery

Purpose of Workshop

Growing for the Future
Rooted on the Past

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Provide a Forum for Communication

- Research progress
  - Where have we been?
  - What have we delivered?
  - Oral presentations
  - Posters
  - Summary reports

Posters

- All projects supported in last 3 years
- Will remain up throughout workshop
- Will be available on web after workshop
- 'Speed Round'

Provide a Forum for Communication

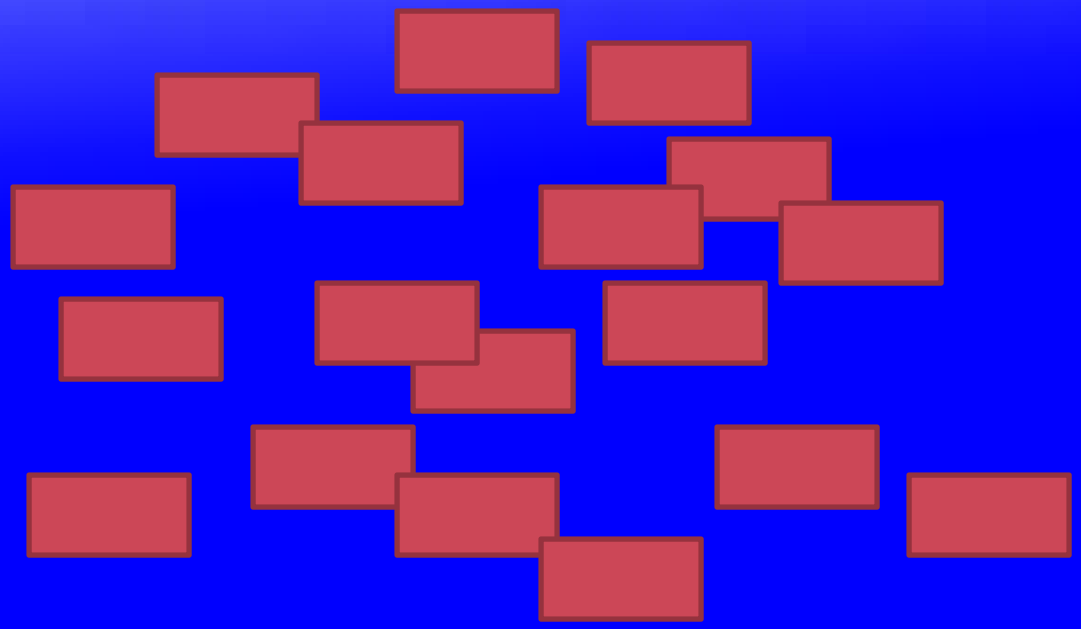
- Industry needs conveyed to researchers
  - Where do we need to go?
  - Formal and informal discussions

Strengthen Relationships

- Within the research community
- Between researchers and the floral and nursery industries
- Through discussions at lunch, breaks, reception, and breakouts

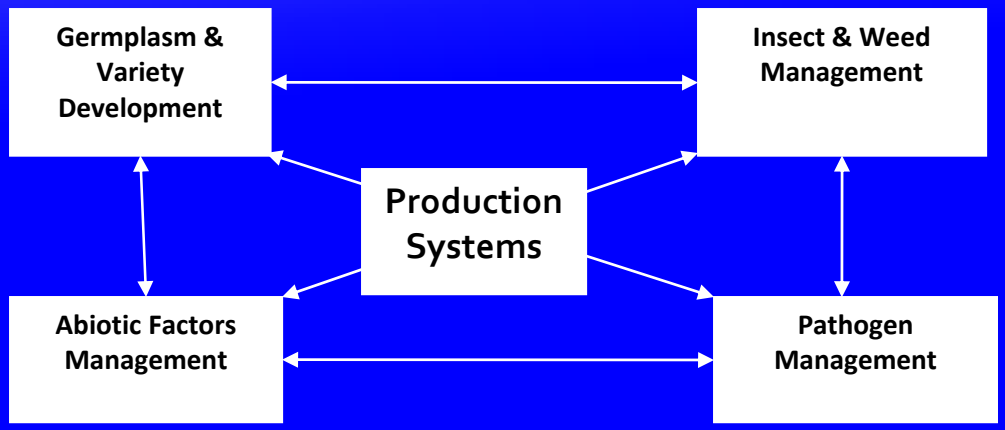
Transition the FNRI From

- a random collection of interesting projects



Transition the FNRI To

- a coordinated & managed research program to address high priority needs



Breakouts

- Initial Groups
  - Breeding/ Genetics
  - Diseases
  - Insects
  - Abiotic Factors (Production)
- Sub-groups decided by groups

Sub-group Examples

- Breeding/Genetics
  - Genetic resources, genomics, markers, varieties
  - Pest & disease resistance, environmental adaptation, invasiveness, genetic resources
- Diseases
  - Detection, identification, management
  - Viral, bacterial, fungal, nematode, foliar, soilborne

Sub-group Examples

- Insects
  - Detection, identification, management
  - Established pests, invasive & emerging pests
- Abiotic Factors
  - Light, water, nutrient, substrates, temperature, climate change
  - Field grown, container, greenhouse

Identify the Highest Priority Industry Needs

- Based on
  - Industry presentation
  - Industry input in breakouts
  - Researchers' knowledge of industry needs not represented at the workshop

Develop a research plan outline to address the need

- What are the objectives?
- Are there existing FNRI projects that address these needs?
- Who will be involved? – researchers & industry
- Who will take the lead for each component?
- What is the role of each team member?

Develop a research plan outline to address the need (con't)

- What resources are available? Leverage FNRI?
  - University / ARS base budget / Industry (Funds/ In-kind)
  - AFE, HRI, commodity group
  - Grant programs, such as SCRI
- What level of FNRI funding is required/ desired for each researcher?

Draft Project Outline

- **Completed by end of workshop**
- Overall Goal
- Objectives with responsible researchers
- Anticipated Products
- Funding level required/desired

Team Concept Paper

- **Due Oct 31st**
- Info from Draft Project Outline
- Specific Components
  - Responsible researcher(s)
  - Goals & objectives
  - Timeline
  - Proposed budget

Team Concept Paper (con't)

- Resources
  - University/ ARS base / industry
  - AFE, HRI, commodity groups
  - Grant programs
- Anticipated Products
- Outreach

Caveat

- You will have more high priority research needs and excellent research outlines than FNRI has funds. It will be very important to leverage FNRI funds and consider all potential sources of funding and other resources.

Now

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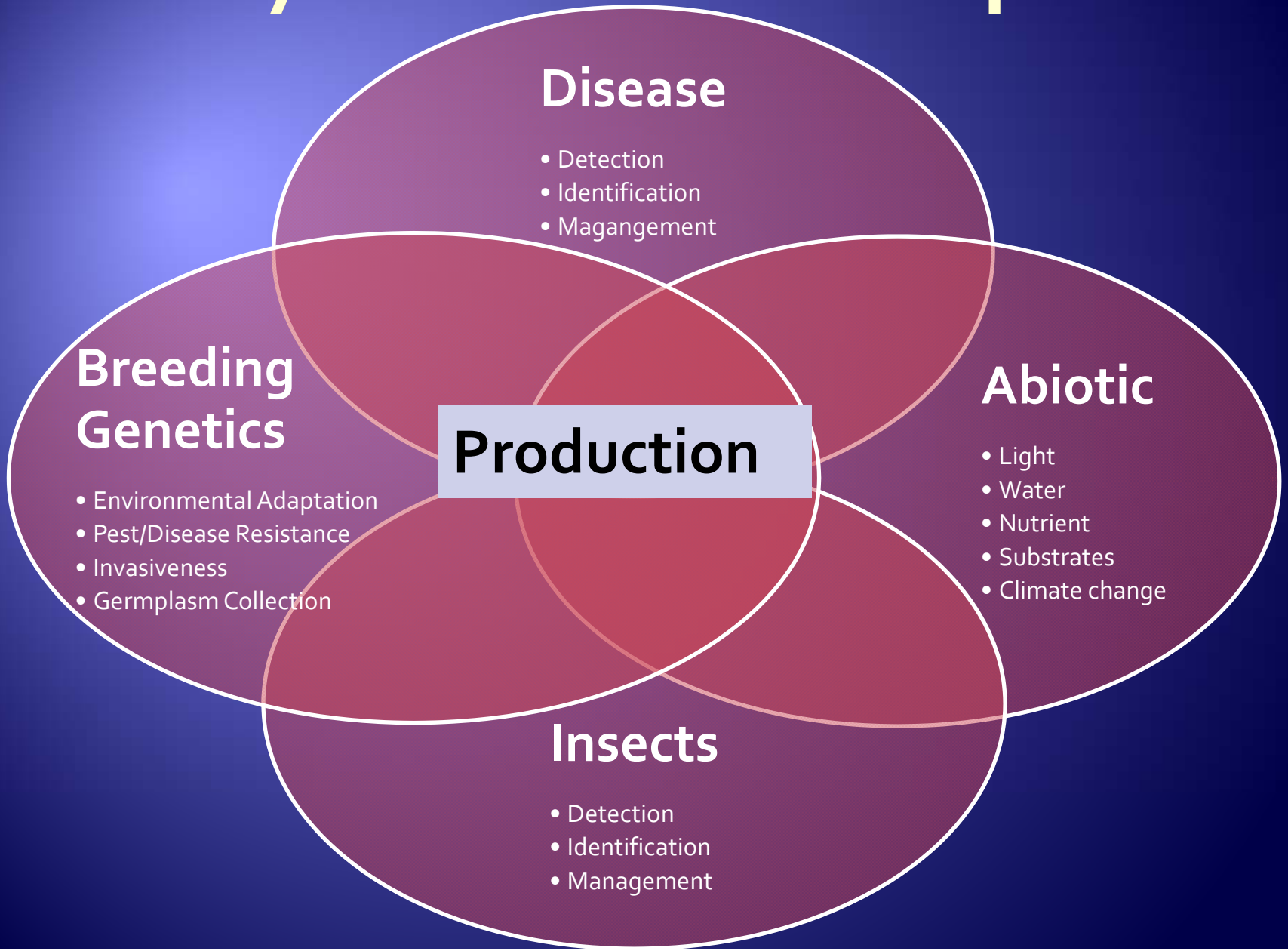
AN&LA American Nursery & Landscape Association

SAF Society of American Florists

USDA

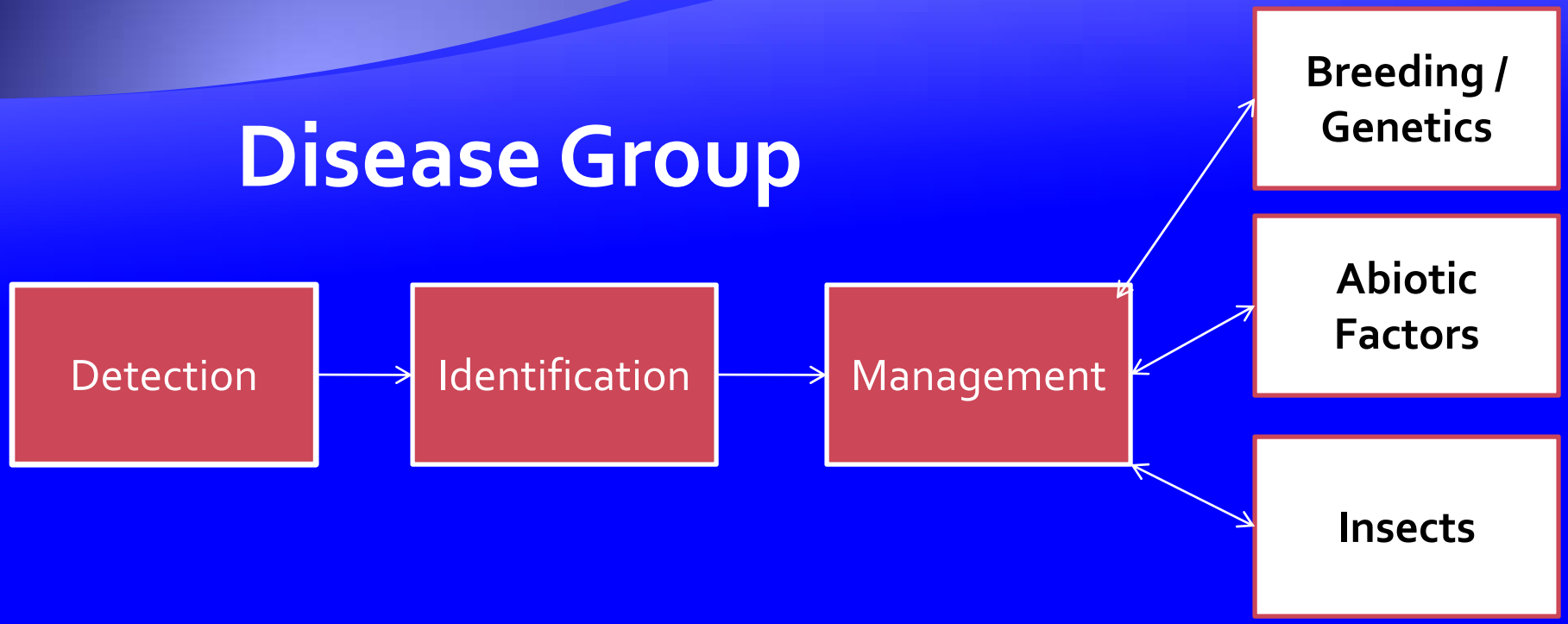
ars

By End of Workshop



By End of Workshop

Disease Group



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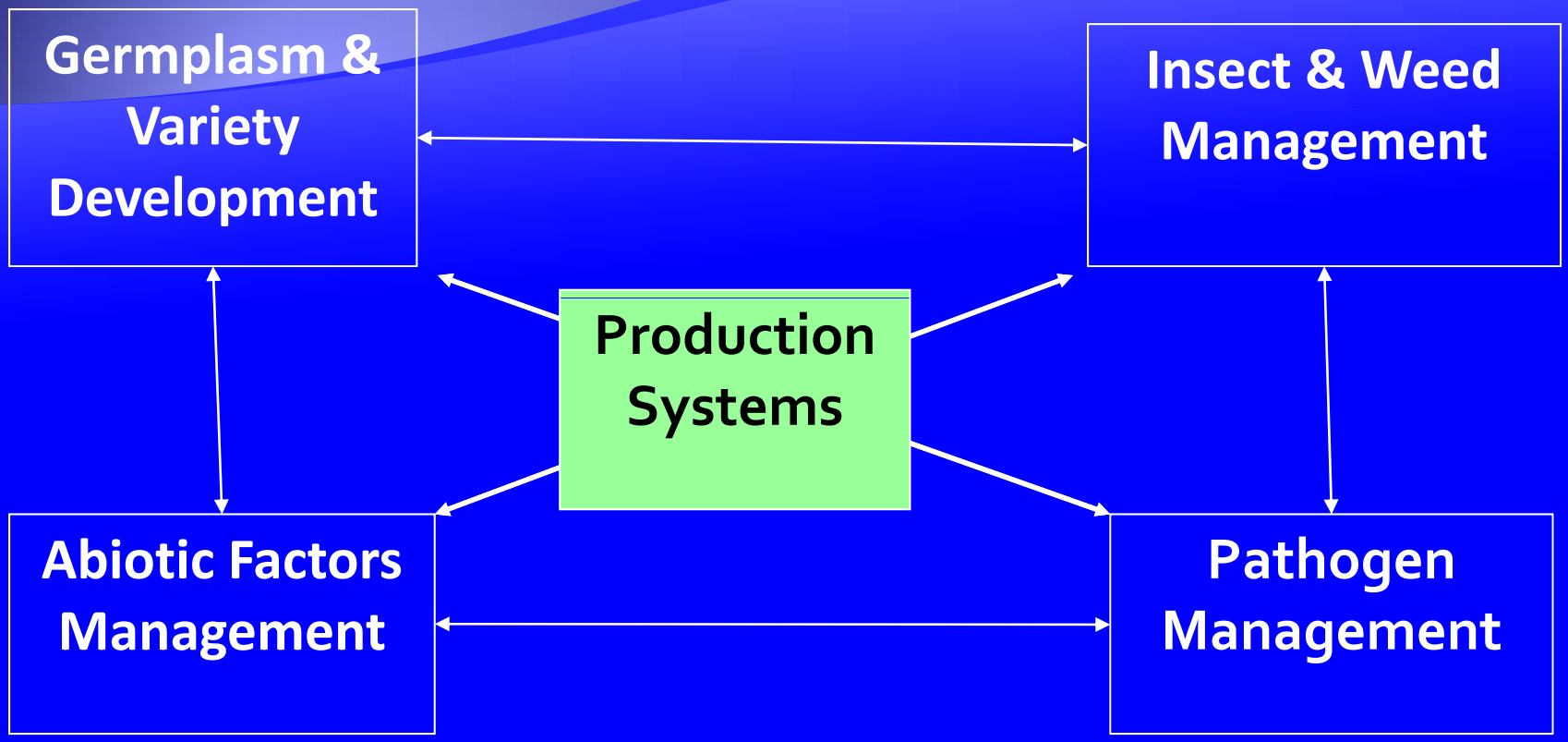
Floral & Nursery Research Program



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THANKS!

ARS Third Floral and Nursery Crops Researchers' Workshop

Cleveland, Ohio

October 14-15, 2009

AN&LA American Nursery & Landscape Association

SAF Society of American Florists

USDA

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