

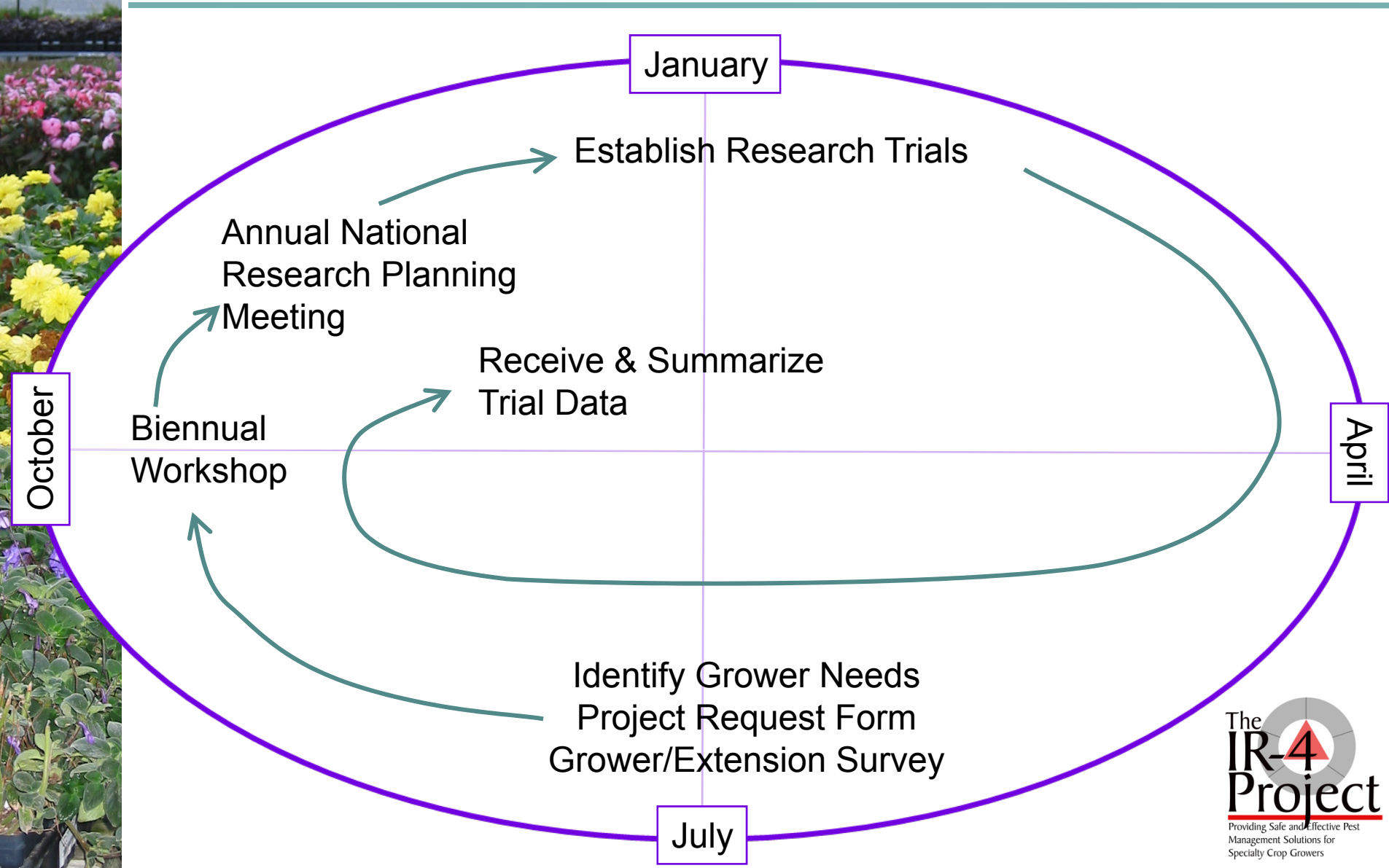
Discussion of IR-4 Priorities 2008/2009

September 23, 2008

What is IR-4?

- A USDA-CSREES granted program to address growers' needs
- IR-4 sponsors efficacy and phytotoxicity research so that new pathogens/pests and crops can be added to product labels
- IR-4 compiles this information in a format manufacturers can easily turn into a submission to EPA

Ornamental Horticulture Program: *Research Cycle*



2008/2009 Priorities

Entomology

- Thrips Efficacy
- Coleopteran Efficacy
- Armored Scale Efficacy
- QRD 416 Crop Safety

Pathology

- Phytophthora Efficacy
- Downy Mildew Efficacy
- Bacterial Efficacy
- ActiGard Crop Safety

Data Gaps (Sept 2008)

Entomology

- Thrips Efficacy
 - Resistance Management
- Coleopteran Efficacy
 - Japanese Beetle Adults
 - Borers
- Armored Scale Efficacy
 - Started in 2008

Pathology

- Phytophthora Efficacy
 - Pending 2008 results, perhaps very few additional tests
- Downy Mildew Efficacy
 - Started in 2008
- Bacterial Efficacy
 - Started in 2008

Where do we go from here?

- Additional pathogen/pest management questions
- 2008 protocols: changes for 2009
- Other considerations