Enhanced Profitability of Floriculture Management Systems

Priority Areas
(as defined by grower input of Walter Krueger, Lakewood Greenhouse)
1. Energy Efficiency and New Technology

Objectives:

a. Reduce transportation costs
b. Optimize production energy, scheduling and quality
c. New crops selected/developed for lower energy systems
d. Evaluate automation and labor saving practices

Current Funded Team Members: Erik Runkle, Ryan Warner, Jonathan Franz, Jim Faust, John Erwin, John Dole

New Funded Team Members: Charlie Hall, Brian Krug, Roberto Lopez
2. Irrigation – Delivery Methods/Interactions

Separate breakout group
3. Abiotic and Biotic Problem Management

**Abiotic Objectives:**

a. Select / breed / develop new crops and cultivars for broad stress tolerance

b. Develop improved stress detection techniques

c. Evaluation of new production techniques for growth and development management

**Abiotic Current Funded Team Members:** Ryan Warner, Jonathan Frantz, Jim Faust, John Erwin, John Dole, Brian Whipker, Paul Fisher, Locke, Michelle Jones, David Clark

**Abiotic New Funded Team Members:** Charlie Hall, Brian Krug, Roberto Lopez, Marc Van Iersel, John Lea-Cox
3. Abiotic and Biotic Problem Management

For Biotic Disorders, see the other Insect and Disease Section breakouts. Emphasis here would also include deliverable materials to growers.

Possible cooperators Marg Daughtry*, Mary Hausbeck*, Kelly Ivors, John Sanderson*, Steven Frank, Carlos Bogarn*, Scott Ludwig*
4. Post-Harvest

Objectives: a. Young Plants - Longevity, tolerance to stress in shipping, subsequent production performance, stock plant management
b. Finished Plants – improved shelf life, shipping tolerance, performance, and shrink

Current Funded Team Members: Jim Faust, John Dole, Michael Reid, Cai-Zhong, Michelle Jones.

David Clark

New Funded Team Members: Charlie Hall