

Welcome to St. Louis! We are privileged to have AOSA members join us for what we hope will be an interesting and enlightening experience touring our Monsanto facilities. Tour highlights include:

Breeding & Agronomics Technology Tour - Plant breeding still depends on many techniques discovered centuries ago. These tried-and-true practices are combined with the knowledge and skills learned through modern science to develop seeds that offer the best yields for specific growing conditions.

- **Seed Chippers** - demonstrate how breeders, using technology invented by Monsanto, identify the DNA in each seed and select only those with the desired traits before test trials are planted.
- **Acceleron™ seed treatment system** - combines the most appropriate seed treatment and the best seed formulation to protect plant health during the critical stage of seed emergence.
- **Vistive®™ Oil** - is healthy soybean oil that is now being used by leading food companies to eliminate trans fat in cooking. Vistive® Gold will provide low saturated fats as well as zero trans fats and is similar to olive oil but more stable. We are also developing a soybean oil that provides an alternative source beside fish for omega-3, an essential fatty acid.
- **New agronomic practices** - takes the guess-work out of farming by applying new technology to agronomic practices, such as optimizing seed density and variety selection across fields in different geographical locations.

Biotechnology Tour - For over two decades, plants delivering biotech benefits have given farmers new ways to solve old problems. Since 1998, we have introduced 12 new seed traits and more will be coming in the future. Our family of Genuity™ traits is designed to help farmers increase yields through herbicide tolerance, insect protection, weather protection and increased productivity.

- **Gene discovery** - How we work with nature to find the right gene to produce the desired benefit
- **Gene insertion** - How we place the gene into the DNA of the plant
- **Tissue culture** - How plants are grown from a single cell
- **Greenhouse** - How tissue culture plants become commercial products through breeding
- **Growth chambers** - A variety of simulated climates that can replicate any growing condition on the planet.
- **Greenhouse Test plants** - Featuring special traits such as drought tolerance, insect protection and weed resistance.

Tour participants will be separated into two smaller groups leaving a half hour apart. Group One should be in the Hilton lobby at 2:30 p.m. to sign-in and receive a name badge before boarding the buses. Group Two should be in the lobby at 3:00 p.m. We ask your cooperation by staying with your group throughout the tours. There will be open seating for dinner.

Some reminders:

- Please be prompt
- No cameras
- During tours, please turn cell phones off
- Stay with your assigned group
- Wear comfortable, closed-toed flat walking shoes

Jennifer Rashet
Trait Quality/Seed Regulatory
Monsanto Company

**ASSOCIATION OF OFFICIAL SEED ANALYSTS
HILTON BALLPARK HOTEL**

**MONSANTO COMPANY VISIT
BIOTECHNOLOGY (CV) AND BREEDING & AGRONOMICS TECHNOLOGY (CC) TOURS
JUNE 7, 2010**

GROUP ONE

2:30 p.m. - Pick up name badges Hotel Lobby

3:00 p.m. - Depart Ballpark Hilton to Chesterfield Village
Bus #1 - Host and Presenter (Gary Barton)
Bus #2 - Host and Presenter (Tom Hoogheem)

3:45 p.m. - Arrive CV (GG Bldg. entrance)

4:45 p.m. - Depart Chesterfield Village for Creve Coeur

5:15 p.m. - Entire Group Comes Together for Dinner and Speaker - Michael Doane, Sustainable Agriculture Policy Lead

6:45 p.m. - Groups 1&2 Walk to R Bldg.

7:00 p.m. - Breeding and Agronomics Technology Tour

8:00 p.m. - Depart CC for Hilton Ballpark

8:30 p.m. - Arrive Hilton Ballpark

Some Reminders:

- **Please be prompt**
- **No cameras**
- **During tours, please turn cell phones off**
- **Stay with your assigned groups**
- **Wear comfortable, closed-toed walking shoes**

GROUP TWO

3:00 p.m. - Pick up name badge Hotel Lobby

3:30 p.m. - Depart Ballpark Hilton to Creve Coeur
Bus #3 - Host and Presenter (Jim Mieure)
Bus #4 - Host and Presenter (Kathy Sehnert)

4:00 p.m. - Arrive CC (R Bldg. entrance)

5:00 p.m. - Group escorted to "A" Cafeteria

6:45 p.m. Depart Creve Coeur ("E" Canopy) for CV

7:15 p.m. Arrive CV (GG Bldg. entrance)

8:15 p.m. - Depart CV for Hilton Ballpark

9:00 p.m. - Arrive Hilton Ballpark