



## ***34<sup>th</sup> National Agricultural Plastics Congress***

*presented by the American Society for Plasticulture*

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### **Papers to be Presented**

*(as of January 6, 2008)*

- A New Use for Metalized Mulch Film in Managing Greenhouse Pests  
R. C. Hochmuth, W. L. Laughlin, R. K. Sprenkel, and K. S. Smith
- Air Emissions from High-Temperature Combustion of Dirty Agricultural Plastics  
James W. Garthe, P.E. and Stephen R. Turns
- Comparison of N Fertigation Programs for Grape Tomato Grown with Plasticulture  
A. Gazula\*, E.H. Simonne, R.C. Hochmuth, J.H. Chandler, and D.W. Studstill
- Development of New Biodegradable Mulch Films: Chemical, Mechanical and Optical Properties  
Thitisilp Kijchavengkul, Rafael Auras\*, Maria Rubino, Mathieu Ngouajio, R. Thomas Fernandez
- Development of New Biodegradable Mulch Films: Field Performance with Tomato Production  
M. Ngouajio\*, R. Auras, R. T. Fernandez, M. Rubino, J. Count, T. Kijchavengkul
- Edible Flowers for Fresh Market Growers  
Ginny Rosenkranz
- Effect of planting date and row cover on high tunnel strawberry production  
Daniel L. Ward, C. Andrew Wyenandt, Wesley L. Kline\*, June F. Sudal.
- Effect of Mulch Color and Spinosad Sprays on Thrips Population, Size and Quality of Sweet Onion  
Timothy E. Elkner and Shelby Fleischer
- Effects of Boron and Manganese on quality and antioxidative capacity in tomato  
Yuan-xin Li, Jun-hua Wu

- Eggplant (*Solanum melongena*) Growth and Yield as Influenced by Colored Plastic Film Mulches  
Juan C. Díaz-Pérez and John Silvoy
- Evaluation of Strawberry Plug Plants Grown From Greenhouse Tips Versus Field Grown Tips  
Peter Nitzsche, David Specca, Eugene Reiss, and Kathryn Homa
- Fumigation for Control of common Scab (*Streptomyces scabies*) in the potato variety EVA grown using Black Plastic Mulch and Drip Irrigation  
William J. Lamont Jr., Michael D. Orzolek, and Bruce Dye
- Growing Bell Peppers in Soilless Culture under Open Shade Structures  
R. C. Hochmuth, D. D. Treadwell, E. H. Simonne, L.B. Landrum, W L. Laughlin and L.L. Davis
- Growing Lettuce by a Float-Support Non-Circulating Hydroponic Method in Hawaii and Pennsylvania  
B.A. Kratky\*, G.T. Maehira, E.J. Magno, M.D. Orzolek and W. J. Lamont
- High Tunnel Production of Greenhouse Cucumbers  
J. Reid, N. Hoover
- High Tunnel Yields Differ Among 20 Tomato Cultivars  
Dr. Ron Goldy
- Hot Water Immersion of Nursery Plant Cuttings for Non-Chemical Control of Insects and Mite Pests  
Ginny Rosenkranz
- Improvement in Leaf Quality of Shade Grown Tobacco with Supplemental Applications of Soluble N under Plasticulture  
Tom Rathier and Merwin Brown
- Mirel: Compostable Biobased Plastics for a Sustainable Future  
Peter Kelly
- New Jersey's Agricultural Plastics Recycling Program Update  
Dennis DeMatte, Jr., Karen Kritz and Wesley L. Kline\*
- Overview of Current High Tunnel Production, Research, Demonstration and Educational Activities in Oklahoma  
Steve Upton
- Photosensitive Shadecloths Alter Flowering of Potted Orchids  
Kent D. Kobayashi and Edwin F. Mersino
- Plastic Covered Structures for Vegetable Production in Asia, along with an update on new Technology for Heat reduction in Greenhouse structures.  
Anthony Chang, Mark Jordan

- Plasticulture in northern Mexico  
Josefina Martinez, Tomas Medina, Tomas Martinez
- Precision Rubber(Hevea) Propagation Under Grenhouse conditions  
Jomon Augustine, Antony Augustine
- Production of High Tunnel Specialty Crops in Pennsylvania  
B.A. Kratky, M.D. Orzolek\* and W.J. Lamont
- Reflective Plastic Mulch increases Onion Bulb Yield and Repels Thrips  
J. Reid, C. Hoepting, K. Paneck
- Sequence plant high tunnel and field tomatoes for profit  
Susannah Stoefer and Henry Taber
- Splitting Drip Irrigation on a Sandy Soil Does Not Affect the Depth and Width of the Wetted Zone  
E. H. Simonne\*, R.C. Hochmuth, A. Gazula and D.W. Studstill
- The Irrigation System Design- The Why, Who, and What  
Mark Burgess