



“Organic Alternatives For Our Industry”

South Carolina Horticulture Industry Seminar. Thursday, February 7, 2008

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Useful Website

- USDA National Organics Program - www.ams.usda.gov/nop
- OMRI www.omri.org
- Veriflora www.veriflora.com
- EPA Exempt Products http://www.epa.gov/oppbppd1/biopesticides/regtools/25b_list.htm
- TerraChoice - Six sins of Greenwashing <http://www.terrachoice.com/Home/Greenwashing/The%20Six%20Sins>

Products

Repellents

- Garlic Barrier AG+ www.garlicbarrier.com

Insecticides

- Dr. C's Don't Bug Me http://www.curriecompany.com/index.php?Itemid=78&keyword=dr&option=com_virtuemart&page=shop.browse
- Ecotec <http://www.brandtconsolidated.com/clawel/>
- Ecotrol EC® Insecticide/Miticide www.ecosmart.com
- Entrust (Dow Agrosciences, LLC) <http://www.dowagro.com/au/prod/entrust.htm>
- FlowerPharm <http://pharmsolutions.com/>
- Green Light Lawn & Garden Spray Spinosad <http://www.greenlightco.com/>
- Green Light Neem Concentrate (Green Light Company) <http://www.greenlightco.com/products/LiquidInsecticides2.htm>
- JMS Stylet Oil <http://www.stylet-oil.com/>
- K-Neem <http://www.organica.net/agrihortikneem.asp>
- Met 52 <http://met52.com/>
- Monterey 70% Neem Oil (Lawn and Garden Products, Inc.) <http://search.atomz.com/search/?sp-q=neem&sp-a=000711ee-sp00000002>
- Mycotrol O <http://www.bioworksinc.com/mycotrol/mycotrol.html>
- Organocide <http://www.organiclabs.com/>
- Pure Spray Green <http://www.wmmg.com/products/products-item2.asp?id=508>
- PyGanic http://www.pyganic.com/tpl_product_label.asp
- Triact 70 (OHP) http://www.ohp.com/Labels_MSDS/index.php?msds_label_search=Triact%2070
- Trilogy (Certis USA) <http://www.certisusa.com/products/trilogy-fungicide-miticide.htm>

Molluscicides

- Sluggo <http://www.montereylawngarden.com/products/organic/>

Attractants

- AgBio Predalure <http://www.agbio-inc.com/Magnet.htm>
- Oriental Beetle Trap <http://www.agbio-inc.com/Oriental%20Beetle%20Trap.htm>

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Herbicides

- Matran EC <http://www.ecosmart.com/agriculture/Products/product-catagory.asp?MarketID=2&CategoryID=4>
- Matratec <http://www.brandtconsolidated.com/clawel/>
- Nature's Avenger <http://www.naturesavenger.com/>
- Weed Pharm <http://pharmsolutions.com/>
- Weed'n Grass Killer <http://www.perfectlynatural.com/lawn/commercial/products-us-herbicides-weed.php>

Preemergent Herbicides

- Bradfield Organics <http://www.bradfieldorganics.com/>
- Orland's Safe-T-Weed <http://www.davidkusel.com/manning1/mac/safety.htm>
- Pure Barnyard <http://www.purebarnyard.com/cockadoodledoo/>

Fungicides

- Actino-Iron® Biological Fungicide www.naturalindustries.com
- Actinovate® SP www.naturalindustries.com
- Oxidate http://www.biosafesystems.com/product_oxidate.asp
- PlantShield HC <http://www.bioworksinc.com/plantshieldhc/plantshieldtechfiles.html>
- Sporan EC® Fungicide www.ecosmart.com
- Sporatec <http://www.brandtconsolidated.com/clawel/>

Fertilizer

- Bradfield Organics <http://www.bradfieldorganics.com/>
- Daniel's Plant Food <http://www.danielsplantfood.com/>
- Neptune's Harvest <http://www.neptunesharvest.com/>
- Botanicare www.americanagritech.com

Biodegradable Pots

- Coconut Pots <http://www.starfiber.com/proinfo-cocopeat-quirFibrePots.htm>
- Cow Pots <http://www.freundsfarmmarket.com/cowpots/index.htm>
- Dot Pots <http://www.dotpot.net/>
- Fertil Pots www.fertil.us/
- Jiffy Pots <http://www.jiffypot.com/>
- Straw Pots <http://www.ivyacres.com/strawpot.html>
- Coir Fiber Pots www.itml.com/products.php?g=19&p=206

Compostable Pots

- Rice Haul Pots - Circle of Life Pots www.circleoflifeplants.com

Suppliers of Biological Control Agents

Name	Address	Website	Phone	About
Becker Underwood	801 Dayton Avenue Ames, IA 50010	www.beckerunderwood.com	(800) 232-5907	Beneficial Nematodes
Beneficial Insectary	9664 Tanqueray Ct. Redding, CA 96003	www.insectary.com	(800) 477-3715	Green Lacewing and others
BioBest Canada Limited	2020 Fox Run Road RR4 Leamington ON N8H 3V7,Canada	www.biobest.be	(519) 322-2178	Assortment of beneficial insects and mites
Biotactics, Inc.	20780 Warren Road, Perris, CA 92570 US	www.benemite.com	(909) 943-2819	Predatory Mites
IPM Laboratories	980 Main Street Locke, NY 13092	www.ipmlabs.com	(315) 497-2063	Assortment of beneficial insects and mites
Koppert Biological Systems	28465 Beverly Rd. Romulus, MI 48174	www.koppert.com	(800) 928-8827	Assortment of beneficial insects and mites
Sterling Insectary	PO Box 1987 Delano, CA 93216 US	www.sterlingnursery.com	(661) 725-1832	Predatory Mites
Syngenta Bioline	PO Box 2430 Oxnard, CA 93034	www.syngentabioline.com	(805) 986-8265	Beneficial insects and mites
The Bug Factory	1636 East Island Highway Nanoose Bay BC Canada V9P 2A5	www.thebugfactory.ca	(250) 468-7912	Beneficial insects and mites



Buglady's Recommended Books

Book List

<p>“Garden Insects of North America: The Ultimate Guide to Backyard Bugs”</p>	<p>Whitney Cranshaw. This is the most comprehensive and user-friendly guide to the common insects and mites affecting yard and garden plants in North America. 656 pp.</p>
<p>“Insects That Feed on Trees and Shrubs”</p>	<p>Comprehensive handbook with 241 full-color plates, it gives the essential facts about more than 900 species of insects, mites, and other animals that injure woody ornamental plants in the United States and Canada, and provides means of quick visual identification of both the pests and the damage they cause. Cornell University Press. 560 pages ISBN-10: 0801426022</p>
<p>“Identification of Insects and Related Pests of Horticultural Plants”</p>	<p>This new edition illustrates the life stages and crop damage of the major insect, mite, and related pest groups of greenhouse crops. Common species, life cycle illustrations, developmental stages, economic importance, biological control, where species are found, and stages for effective pesticide use are listed for each pest group. More than 175 color photographs, 48 pages. O.F.A Services, INC. WWW.ofa.org or (614) 487-1117</p>
<p>“IPM in Practice, Principles and methods of integrated pest management”</p>	<p>This 2001 publication from the University of California Statewide IPM Program is the first comprehensive, practical field guide ever developed for setting up and carrying out an IPM program in any type of crop or landscape. 296 pages Softcover University of California. (800) 994-8849 Publication 3418</p>
<p>“Knowing and Recognizing: The Biology of Glasshouse Pests and Their Natural Enemies, Second Edition”</p>	<p>M. H. Malais and W. J. Ravensberg. This publication covers IPM for greenhouse crops, both vegetable and ornamental. Monitoring, sanitation, biological controls, biorational pesticides, insect growth regulators, and disease control methods are discussed. Tables include information on the newest biorational pesticides and biological control organisms. 288 pp. Hardcover</p>
<p>“Natural Enemies Handbook: The Illustrated Guide to Biological Pest Control”</p>	<p>Mary Louise Flint and Steve H. Dreistadt Virtually every insect, mite, and spider family important in biological control is illustrated with a taxonomically correct line drawing and color photos. View 180 high-quality color photographs and 140 line drawings that feature hundreds of predators, parasites, and pathogens that attack pests. 154 pp. Soft cover University of California. (800) 994-8849 Publication # 3386</p>
<p>“Plant Health Care for Woody Ornamentals”</p>	<p>The most comprehensive manual available on plant health maintenance. PHC practitioners will find this reference manual invaluable in many situations. It provides information on basic biology of woody plants, understanding stress and pest complexes, abiotic disorders and diseases, management of insect and vertebrate pests, weed management, and working with clients and the public. Includes a glossary and index and easy-to-use tables and charts. Features 150 color photos and nearly 100 illustrations. International Society of Arboriculture. www.isa-arbor.com</p>

Flash Card List

"Helpful or Harmful?" University of Florida, SP 130 (800) 226-1764

"The Good Guys!" Natural enemies of Insects. Illinois Natural History Survey (217) 333-6880

“The Bad Guys! Set #2: Landscape Pests”. Illinois Natural History Survey (217) 333-6880

