

SUPPLIERS OF BENEFICIAL ORGANISMS IN NORTH AMERICA

Charles D. Hunter



Hippodamia convergens – Convergent ladybird beetle larva
Actual size = 7-10 mm in length

California Environmental Protection Agency
DEPARTMENT OF PESTICIDE REGULATION
Environmental Monitoring and Pest Management Branch

1997 Edition

Pete Wilson, Governor
State of California

Peter M. Rooney, Acting Secretary
California Environmental Protection Agency

James W. Wells, Director
Department of Pesticide Regulation

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DISCLAIMER

Inclusion in this publication does not imply an endorsement of the suppliers or their products by the California Environmental Protection Agency, the Department of Pesticide Regulation, or the author, nor does this publication imply criticism of other suppliers not listed. For some of the organisms listed there may be government restrictions on their use and permits may be required for their shipment and release; consult with your local agricultural regulatory agency. If permits are required, often the supplier has them or can assist in obtaining them. This pamphlet may be freely reproduced with proper credit.

One free copy per request is available from:

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Department of Pesticide Regulation
Environmental Monitoring and Pest Management Branch
1020 N Street, Room 161
Sacramento, California 95814-5624**

Telephone: (916) 324-4100

PM 97-01

Introduction

As in past editions, this publication lists beneficial organisms sold for use as biological controls of pest organisms. Other commercially available organisms such as bumble bees and earthworms may be mentioned briefly in the comment sections of some suppliers.

Biological controls that are single-celled organisms such as bacteria, fungi, protozoans, and viruses are defined as pesticides by the United States Environmental Protection Agency (U.S. EPA). In the United States of America (U.S.A.), the sale and use of these organisms are governed by U.S. EPA and state laws and regulations applicable to chemical pesticides. These organisms are widely available commercially and are not listed in this publication except in some instances in the comment sections of some suppliers.

This edition lists 142 suppliers and over 130 different species of beneficial organisms. Only commercial suppliers are listed. The suppliers are listed by country. The listing of Canadian suppliers begins on page 3, followed by Mexican suppliers beginning on page 5, and U.S.A. suppliers beginning on page 10. All the information on Mexican suppliers was obtained from Centro Nacional de Referencia de Control Biologico de la Direccion General de Sanidad Vegetal.

In each section, the suppliers are listed alphabetically with each listing preceded by a **supplier number**. Each supplier number begins with the first letter of the country in which the supplier is located (C = Canada, M = Mexico, U = U.S.A.). Each listing includes the name, address, telephone, facsimile, and E-mail numbers of the supplier along with a retail/wholesale notation. Under the retail/wholesale notation, there may also be a brief comment submitted by the supplier on their specialties and/or the services they can provide. "ANBP member" refers to Association of Natural Bio-control Producers (ANBP). ANBP is an organization of companies and individuals whose goals are to enhance the standardization and the quality control of commercially available beneficial organisms, and the dissemination of accurate information on their handling and use.

Included are two separate indexes to suppliers of beneficial organisms. Both indexes use scientific names because most beneficial organisms do not have common names. The first index, starting on page 22, lists beneficial organisms under 13 different categories. The first category is **predatory mites**, followed by **parasitic nematodes**, etc. Within each category, the organisms are listed alphabetically by their scientific name, followed by a brief notation on the organism or its use and the supplier number for each of the suppliers that have stated that they can supply that specific organism.

The second index, starting on page 28, is a **scientific names index** to all the different species of beneficial organisms listed in this publication. After each scientific name follows one or more supplier numbers identifying the companies that sell the organism. To locate the companies, use these numbers and refer to the appropriate suppliers lists (Canada, Mexico, U.S.A.).

Special Notes

This listing provides only general information on the beneficial organisms and their use against pests. It makes no recommendations and does not imply an endorsement of the suppliers or their products. The beneficial organisms listed may attack other organisms that are not listed. The author has listed each beneficial organism by its currently accepted scientific name and takes full responsibility for any errors in nomenclature or in the information presented. In some rare instances, the names of organisms submitted by companies were not listed because the companies did not provide supporting information on the organisms or their use.

Before using any type of pest control, be sure of the identity of the pest(s). Sometimes, beneficial organisms are confused with pests, especially in their immature stages, and control measures are mistakenly applied.

In addition to offering biological control organisms, some of the companies listed can provide consultation services. These services can be extremely valuable in establishing integrated pest management (IPM) programs of which biological control is a major part. Many of the suppliers also have literature available and some have company Web sites on the Internet with information about beneficial organisms and how to use them.

A short list of **selected references** on biological control and IPM is included on page 31. A brief listing of university and government **Web sites** on biological control and IPM is included on page 32. An electronic database on suppliers of beneficial organisms in North America with additional information on biological control and IPM can be accessed through the Department of Pesticide Regulation's Home Page at <http://www.cdpr.ca.gov>

IMPORTANT NOTICE

With the proper permits, most of the organisms listed in this booklet can be shipped interstate and in many cases between countries. The suppliers should be aware of the permits required and may often have the permits on hand to ship to your area. In some cases, suppliers may require assistance in obtaining permits. In some situations, the importation or transport of certain species is prohibited.

California Residents

The **grass carp** and the **decollate snail** listed in this booklet are **prohibited species in California**.

The importation or transportation of the **grass carp** or **white amur** (*Ctenopharyngodon idella*) is **prohibited** in California by the California Fish and Game Commission [Title 14, Section 671, California Code of Regulations].

The importation or transportation of the **decollate snail** (*Rumina decollata*) is **prohibited** in California by the California Fish and Game Commission, **except** in the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, Tulare, and Ventura with the concurrence of the appropriate county agricultural commissioner [Title 14, Section 671, California Code of Regulations]. On August 6, 1993, the California Fish and Game Commission authorized the use of decollate snail in citrus orchards in Kern, Fresno, and Madera counties. Their use requires the approval of the appropriate county agricultural commissioner. **Except** for the above 12 counties, the use of the decollate snail in California is **prohibited**.

The importation and transportation of live **crustaceans, molluscs, fish, amphibians, reptiles, birds, and mammals may require a permit**. For further information contact: California Department of Fish and Game, Inland Fisheries Division, 1416 9th Street, Sacramento, California 95814. Telephones: (916) 653-8262 (for aquatic animals) - (916) 653-9742 (for other species).

Non-California Residents

Your federal and/or state/provincial regulations may prohibit the importation or transport of some biological control organisms. Contact your local agricultural officials for further information.

CANADA - Commercial Suppliers

- C01 Applied Bio-Nomics Ltd.** Retail and wholesale.
11074 West Saanich Road Distributor list available to U.S.A. and Canada.
Sidney, British Columbia V8L 5P5 Free literature and price list. ANBP member.
CANADA
Telephones: (250) 656-2123 (Insectary) (604) 940-0290 (BC) (416) 793-7000 (ONT) FAX: (604) 656-3844
E-mail: bug@islandnet.com
-
- C02 Beneficial Insectary Canada** Retail and wholesale.
60 Taggart Court, #1 Producing high quality products. Entomological staff available.
Guelph, Ontario N1H 6H8 ANBP member. Web site: www.insectary.com
CANADA
Telephone: (800) 477-3715 FAX: (888) 472-0708 E-mail: bi@insectary.com
-
- C03 Better Yield Insects - Canada** Retail and wholesale.
RR 3 1302 County Road 22 Specializing in beneficial insects for twenty years.
Belle River, Ontario N0R 1A0 Free consultation by telephone or FAX.
CANADA
Telephone: (800) 662-6562 (Toll Free - U.S.A. & Canada) FAX: (519) 727-5989
-
- C04 BioBest Canada Ltd.** Retail and wholesale.
2020 Mersea Road #3, RR 4 Production of bumble bees and other beneficial organisms.
Leamington, Ontario N8H 3V7 ANBP member.
CANADA
Telephone: (519) 322-2178 FAX: (519) 322-1271
-
- C05 Bio-Controle (Services) Inc.** Retail and wholesale.
2600 Dalton With purchase, information sheets on how to use *Trichogramma*
Sainte Foy, Quebec G1P 3S4 and lady beetles successfully. Both French and English spoken.
CANADA
Telephones: (418) 653-3101 (418) 650-3709 (514) 528-9232 (Montreal) FAX: (418) 653-3096
E-mail: biocontrole@accent.net
-
- C06 Coast Agri Ltd.** Wholesale only.
464 Riverside Road South RR#2 Free informative catalogue available. Consulting.
Abbotsford, British Columbia V2S 7N8 ANBP member.
CANADA
Telephone: (604) 864-9044 FAX: (604) 864-8418 E-mail: wporter@Coast-agri.com
-
- C07 Halifax Seed Company Inc.** Retail and wholesale.
P.O. Box 8026 Station A Providing beneficial organisms for commercial and home use in
5860 Kane Street Atlantic Canada.
Halifax, Nova Scotia B3K 5L8
CANADA
Telephones: (902) 454-7456 (902) 455-4364 FAX: (902) 455-5271 E-mail: hfxseed@sympatico.ns.ca
-

CANADA - Commercial Suppliers (continued)

- C08 Koppert Canada Ltd.**
3 Pullman Court
Scarborough, Ontario M1X 1E4
CANADA
Telephones: (416) 291-0040 (800) 567-4195 FAX: (416) 291-0902 E-mail: kcanltd@aol.com
Retail and wholesale.
Free literature and pricing available upon request.
-
- C09 Manbico Biological Ltd.**
Box 17, Group 242, RR2
Winnipeg, Manitoba R3C 2E6
CANADA
Telephones: (204) 697-0863 (800) 665-2494 FAX: (204) 697-0887
Retail and wholesale.
Free catalogue, brochures and distributor list.
-
- C10 Natural Beginnings**
P.O. Box 21036
Dartmouth, Nova Scotia B2W 6B2
CANADA
Telephone: (902) 435-4882 (Customer Service) FAX: (905) 382-4418 (Customer Inquiries)
E-mail: natural@isisnet.com
Retail only.
Free organic home gardening catalogues (Canada only).
Beneficial organisms available from April-July only.
School and environmental group fund raising programs available.
-
- C11 Natural Insect Control**
RR #2
Stevensville, Ontario L0S 1S0
CANADA
Telephone: (905) 382-2904
Retail and wholesale.
48 page catalogue. Organic supplies. Ship world-wide.
Large selection of beneficials. Technical telephone support.
Bird and bat houses available. ANBP member.
FAX: (905) 382-4418
-
- C12 Nature's Alternative Insectary Ltd.**
Box 19 Dawson Road,
1636 East Island Highway
NanOOSE Bay, British Columbia V0R 2R0
CANADA
Telephones: (250) 468-7912 (250) 468-7911 FAX: (250) 468-7912 E-mail: nai@island.net
Retail and wholesale.
Producer. Available year round.
Weekly shipments within U.S.A.
ANBP and IOBC member.
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- C13 Richters**
357 Highway 47
Goodwood, Ontario L0C 1A0
CANADA
Telephone: (905) 640-6677 FAX: (905) 640-6641 E-mail: info@richters.com
Retail only.
Specializes in use of beneficials on commercial herb greenhouse
and field crops. Provides advice to seed and plant customers.
Web site: www.richters.com
-
- C14 Westgro Sales Inc.**
7333 Progress Way
Delta, British Columbia V4G 1E7
CANADA
Telephone: (604) 940-0290 FAX: (604) 940-0258 E-mail: westgro@westgro.com
Retail and wholesale.
Literature and price list available upon request.
IPM consulting.
-

MEXICO - Commercial Suppliers

M01 Alimentos Del Fuerte Retail and wholesale.
Apartado Postal No. 810 Tomato and sweet corn.
Los Mochis, Sinaloa C.P. 81200 Tomate y maiz dulce.
MEXICO
Telephones: (68) 12-14-10 (68) 12-14-48 FAX: (68) 12-86-50

M02 Asociacion Ganadera Local de General Bravo Retail and wholesale.
Km. 124 Carretera Monterrey-Reynosa Pastures.
Colonia Conferin Avispe Pastos.
General Bravo, Nuevo Leon C.P. 67000
MEXICO
Telephone: (823) 4-04-46

M03 Bios COBI Inc. Retail and wholesale.
Perez y Teran Susana Corn and sugar cane.
Av. Miguel Aleman No. 33 Maiz y cana de azucar.
Esq. Miami 2 Piso
Jalapa, Veracruz
MEXICO
Telephone: (28) 12-68-30

M04 Centro de Reproduccion de Organismos Retail and wholesale.
Beneficos (Comite Estatal de Sanidad Vegetal) Broccoli and cauliflower.
Vicente Rodriguez s/n Brocoli y coliflor.
Frac. La Paz
Irapuato, Guanajuato C.P. 36530
MEXICO
Telephone: (462) 7-39-09 FAX: (462) 6-74-01

M05 Consorcio Aga Div. Azucar Retail and wholesale.
Cia. Azucarera de Los Mochis Sugar cane.
Prolongacion Vicente Guerrero s/n Cana de azucar.
Los Mochis, Sinaloa
MEXICO
Telephones: (68) 12-88-30 (68) 12-02-01 FAX: (68) 12-04-36

CREROB - Centro Regional de Reproductores de Organismos Beneficos. Son insectarios que fueron transferidos de manos del gobierno de Mexico a companias privadas y que ahora venden al publico.

CREROB - Regional Center of Reproducers of Beneficial Organisms. These are insectaries that were transferred from the Mexican Government to private ownership and now sell to the public.

M06 CREROB - Apatzingan Retail and wholesale.
Km. 1.5 Carretera Apatzingan-Aguililla Cotton and sugar cane.
Apartado Postal No. 153 Algodon y cana de azucar.
Apatzingan, Michoacan
MEXICO
Telephones: (453) 4-19-57 (453) 4-04-38

MEXICO - Commercial Suppliers (continued)

- M07 CREROB - Baja California**
Km. 1.0 Carretera Mexicali-San Felipe
Apartado Postal No. 1087
Mexicali, Baja California Norte C.P. 21380
MEXICO
Telephone: (65) 61-70-86
Retail and wholesale.
Cotton and vegetables.
Algodon y hortalizas.
FAX: (65) 61-73-18
-
- M08 CREROB - Caborca**
Calle Obregon No. 278 Oeste y
Av. Luis Donaldo Colosio
Caborca, Sonora
MEXICO
Telephone: (637) 2-08-71
Retail and wholesale.
Cotton and vegetables.
Algodon y hortalizas.
-
- M09 CREROB - Cesavesin**
Francisco Villa No. 150 Pte.
Apartado Postal No. 926
Culiacan, Sinaloa C.P. 80000
MEXICO
Telephone: (67) 16-35-08
Retail and wholesale.
Corn, soy, and vegetables.
Maiz, soya y hortalizas.
FAX: (67) 16-46-46
-
- M10 CREROB - Chilpancingo**
Av. Ruffo Figueroa s/n
Colonia Burocratas
Chilpancingo, Guerrero C.P. 39039
MEXICO
Telephone: (747) 2-60-08
Retail and wholesale.
Melon, corn, and pastures.
Melon, maiz y pastos.
FAX: (747) 2-77-29
-
- M11 CREROB - Ciudad Constitucion**
Km. 205 Carretera Transpeninsular
Apartado Postal No. 158
Ciudad Constitucion, Baja Calif. Sur
MEXICO
Telephone: (113) 2-26-51
Retail and wholesale.
Cotton, corn, garbanzo, and vegetables.
Algodon, maiz, garbanzo y hortalizas.
FAX: (113) 2-08-66
-
- M12 CREROB - Ciudad Fernandez**
Juarez No. 73
Ciudad Fernandez, San Luis Potosi
MEXICO
Telephones: (487) 2-37-24 (487) 2-46-40
Retail and wholesale.
Corn, tomato, and sugar cane.
Maiz, tomate y cana de azucar.
-
- M13 CREROB - Ciudad Juarez**
Km. 9.5 Carretera Cd. Juarez-Porvenir
Zaragoza de Juarez
Ciudad Juarez, Chihuahua
MEXICO
Telephone: (16) 82-05-32
Retail and wholesale.
Cotton, vegetables, walnut, apple, corn, and sorghum.
Algodon, hortalizas, nogal, manzana, maiz y sorgo.
-

MEXICO - Commercial Suppliers (continued)

M14 CREROB - Ciudad Obregon

Bvd. Rodolfo Elias Calles No. 711 Pte.
Colonia Sochiloa
Ciudad Obregon, Sonora C.P. 85150

MEXICO

Telephones: (641) 6-54-07 (641) 7-58-51

Retail and wholesale.

Corn, cotton, soy, vegetables, and garbanzo.

Maiz, algodón, soya, hortalizas y garbanzo.

M15 CREROB - Ciudad Victoria

Calle Ursulo Galvan No. 250
Ex-Hacienda de Tamatlan
Ciudad Victoria, Tamaulipas C.P. 87060

MEXICO

Telephones: (131) 2-41-54 (131) 2-93-61

Retail and wholesale.

Safflower, sunflower, corn, sugar cane, soy, sorghum, pastures, vegetables, avocado, poultry and livestock farms.

Cartamo, girasol, maiz, cana de azucar, soya, sorgo, pastos, hortalizas, aguacate (palto), granjas avicolas y de ganado.

M16 CREROB - Durango

Km. 5 Carretera Durango-Torreon
Boulevard Francisco Villa
Cd. Industrial
Durango, Durango C.P. 34220

MEXICO

Telephone: (181) 8-14-68

Retail and wholesale.

Apple, potato, and corn.

Manzano, papa y maiz.

M17 CREROB - Guasave

Km. 3 Carretera Internacional
Tramo Guasave-Los Mochis
Apartado Postal No. 55
Guasave, Sinaloa

MEXICO

Telephone: (687) 2-08-08

Retail and wholesale.

Garbanzo, corn, soy, sugar cane, and tomato.

Garbanzo, maiz, soya, cana de azucar y tomate.

FAX: (687) 2-08-08

M18 CREROB - Hermosillo

California No. 35
Hermosillo, Sonora

MEXICO

Telephone: (621) 7-26-94

Retail and wholesale.

Vegetables, garbanzo, corn, cotton, safflower, apple, and poultry farms. Hortalizas, garbanzo, maiz, algodón, cartamo, manzano y granjas avicolas.

M19 CREROB - Jalapa

Km. 3.5 Carretera Federal
Edificio Ex-ConaFrut
Jalapa, Veracruz

MEXICO

Telephone: (28) 12-62-70

Retail and wholesale.

Pastures, sugar cane, corn, citrus, and mango.

Pastos, cana de azucar, maiz, citricos y mango.

M20 CREROB - Matamoros

Km. 1 Sendero Nacional
Apartado Postal No. 550
Matamoros, Tamaulipas

MEXICO

Telephone: (891) 2-12-02

Retail and wholesale.

Corn, sorghum, sugar cane, poultry and livestock farms.

Maiz, sorgo, cana de azucar, granjas avicolas y de ganado.

MEXICO - Commercial Suppliers (continued)

- M21 CREROB - Oaxaca**
Administracion de Correos "C"
Apartado Postal No. 11
Santo Domingo Barrio Baja Etna
Oaxaca, Oaxaca
MEXICO
Telephone: (951) 6-30-63
- Retail and wholesale.
Corn, wheat, sorghum, tomato, and sugar cane.
Maiz, trigo, sorgo, tomate y cana de azucar.
- FAX: (951) 5-31-13
-
- M22 CREROB - Tapachula**
Km. 1.5 Carretera Tapachula-Puerto Madero
Tapachula, Chiapas
MEXICO
Telephone: (962) 5-18-56
- Retail and wholesale.
Corn, soy, cotton, and watermelon.
Maiz, soya, algodón y sandia.
- FAX: (962) 5-44-17
-
- M23 CREROB - Tepic**
Insurgentes No.1050 Oriente
Colonia Menchaca
Tepic, Nayarit C.P. 63150
MEXICO
Telephone: (32) 14-48-46
- Retail and wholesale.
Corn, sorghum, and sugar cane.
Maiz, sorgo y cana de azucar.
- FAX: (32) 14-48-46
-
- M24 CREROB - Torreon**
Calzada Cuauhtemoc No. 1540 Sur
Torreon, Coahuila
MEXICO
Telephone: (17) 13-69-84
- Retail and wholesale.
Alfalfa, wheat, walnut, safflower, oat, sorghum, grapevine, corn,
and cotton. Alfalfa, trigo, nogal, cartamo, avena, sorgo, vid, maiz
y algodón.
-
- M25 Insectario de Cambell's Sinalopasta
S.A. de C.V.**
Km. 149 +284 Carretera Internacional
Parque Industrial
Apartado Postal No. 185
Guasave, Sinaloa
MEXICO
Telephones: (687) 2-83-02 (687) 2-87-55
- Retail and wholesale.
Tomato.
Tomate.
- FAXes: (687) 2-83-00 (687) 2-84-04
-
- M26 Insectos Beneficos de Sinaloa S.A. de C.V.**
Ignacio Lopez Rayon s/n
Colonia La Piedrera
Guasave, Sinaloa
MEXICO
Telephone: (687) 2-95-05
- Retail and wholesale.
Vegetables and corn.
Hortalizas y maiz.
-
- M27 Insumos y Servicios Agropecuarios
de Occidente S.A. de C.V.**
Guillermo Prieto No. 124-2
Colima, Colima
MEXICO
Telephone: (331) 3-10-00
- Retail and wholesale.
Vegetables, corn, and sugar cane.
Hortalizas, maiz y cana de azucar.
-

MEXICO - Commercial Suppliers (continued)

- M28 Laboratorio de Control Biologico del Gobierno del Estado de Chiapas - Ciudad Villa Corzo**
Domicilio Conocido
Ciudad Villa Corzo, Chiapas
MEXICO
Telephone: (965) 2-03-68
- Retail and wholesale.
Corn and tobacco.
Maiz y tabaco.
-
- M29 Laboratorio de Control Biologico del Gobierno del Estado de Chiapas - Frontera Comalapa**
Joaquin Miguel Gutierrez s/n
Frontera Comalapa, Chiapas
MEXICO
Telephone: (963) 2-39-13
- Retail and wholesale.
Corn and tobacco.
Maiz y tabaco.
-
- M30 Laboratorio de Control Biologico (UniFrut)**
Calzada 16 de Septiembre
y Mariano Jimenez No. 16
Apartado Postal 676
Ciudad Cuauhtemoc, Chihuahua
MEXICO
Telephones: (158) 2-00-95 (158) 2-00-41 FAX: (158) 2-01-21
- Retail and wholesale.
Apple, corn, and walnut.
Manzana, maiz y nogal.
-
- M31 Laboratorio de Produccion de Organismos Beneficos (LAPROB)**
2A Pte. No. 3
Tapachula, Chiapas C.P. 30700
MEXICO
Telephone: (962) 1-14-07
- Retail and wholesale.
Tobacco, corn, and vegetables.
Tabaco, maiz y hortalizas.
FAX: (962) 5-45-22
-
- M32 Laboratorio Reprodutor de Fauna Benefica S.A. de C.V.**
Corregidora No. 529
Colonia Centro
Guasave, Sinaloa C.P. 81000
MEXICO
Telephone: (687) 8-01-11
- Retail and wholesale.
Cotton, garbanzo, soy, and tomato.
Algodon, garbanzo, soya y tomate.
FAX: (687) 2-48-21
-
- M33 Organismos Beneficos Para La Agricultura (OBA)**
Lopez Rayon No. 25
Autlan, Jalisco
MEXICO
Telephone: (338) 1-01-15
- Retail and wholesale.
Corn, vegetables, and sugar cane.
Maiz, hortalizas y cana de azucar.
FAX: (338) 1-01-15
-
-

UNITED STATES - Commercial Suppliers

- U01 A-1 Unique Insect Control**
5504 Sperry Drive
Citrus Heights, California 95621
U.S.A.
Telephone: (916) 961-7945
- Retail and wholesale.
Formerly Unique Insect Control. Free brochure.
Primary source for ladybugs. Earthworms also available.
ANBP member.
FAX: (916) 967-7082
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- U02 Activated Biological Control, LLC**
P.O. Box 394
Elk Grove, California 95759
U.S.A.
Telephone: (408) 469-7833
- Retail and wholesale.
Predatory mites available on beans or corn cob grits.
Delivery or application supervision available.
FAX: (408) 469-7833
-
- U03 American Insectaries, Inc.**
30805 Rodriguez Road
Escondido, California 92026-5312
U.S.A.
Telephone: (760) 751-1436
- Retail and wholesale.
Se habla espanol. Wide variety of
beneficial insects and mites available.
FAX: (760) 749-7061 E-mail: jdavis@mailhost2.csusm.edu
-
- U04 Applied Bio-Control**
P.O. Box 118
Waterford, California 95386
U.S.A.
Telephone: (209) 874-1862
- Retail and wholesale.
Consulting, domestic and international. Se habla espanol.
Specialize in perennial crops. Problem solving teams available.
FAX: (209) 874-1808
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- U05 Applied Bio Pest**
3310 Net Place
Oxnard, California 93035
U.S.A.
Telephones: (805) 984-9224 (800) 787-BUGS (Outside California)
E-mail: biopest@jetlink.net
- Retail and wholesale.
Retail packaging - drop shipping for garden centers.
Decollate snail and whitefly specialists.
FAX: (805) 984-1517
-
- U06 Arizona Biological Control Inc. (ARBICO)**
P.O. Box 4247 CRB
Tucson, Arizona 85738
U.S.A.
Telephone: (520) 825-9785
- Retail and wholesale.
Catalogues are available upon request. World-wide consultation.
ANBP member. Web site: <http://www.usit.net/BICONET>
FAX: (520) 825-2038 E-mail: ARBICO@aol.com
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- U07 Arnold Brothers**
P.O. Box 450
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Fairacres, New Mexico 88033
U.S.A.
Telephones: (505) 526-6165 (14) 35-06-23 ("Bio-Tecno" in Mexico)
- Retail and wholesale.
Se habla espanol. Consulting in southwestern U.S.A. and
Pecan, cotton, vegetables, and corn.
Pacana, algodón, hortalizas y maíz. ANBP member.
FAX: (505) 526-8061
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- U08 Beneficial Insectary**
14751 Oak Run Road
Oak Run, California 96069
U.S.A.
Telephones: (800) 477-3715 (916) 472-3715
- Retail and wholesale.
Producing high quality products. Entomological staff available.
ANBP member. Web site: <http://www.insectary.com>
FAX: (916) 472-3523 E-mail: bi@insectary.com
-

UNITED STATES - Commercial Suppliers (continued)

- U09 Beneficial Insect Company**
244 Forrest Street
Fort Mill, South Carolina 29715-2325
U.S.A.
Telephone: (803) 547-2301
- Retail and wholesale.
Free catalogue and price list. Consulting. Supplying beneficial organisms to southeastern growers since 1987.
-
- U10 Better Pest Management**
P.O. Box 1276
San Bruno, California 94066
U.S.A.
Telephone: (888) 589-6531
- Retail only.
Free brochure. Specializing in fly control for horses.
ANBP member.
FAX: (888) 589-6531
-
- U11 Better Yield Insects**
44 Bristol Road
Narragansett, Rhode Island 02882
U.S.A.
Telephones: (800) 662-6562 (Toll Free - U.S.A. & Canada) (401) 792-3416 (Local - U.S.A.) FAX: (401) 792-8058
- Retail and wholesale.
Specializing in beneficial insects for twenty years.
Free consultation by telephone or FAX.
-
- U12 Bio Ag Services**
4218 West Muscat
Fresno, California 93706
U.S.A.
Telephone: (209) 268-2835
- Retail and wholesale.
Consulting services available. Biological control specialists.
Se habla espanol. ANBP member.
FAX: (209) 268-7945
-
- U13 Bio Ag Supply**
710 South Columbia
Plainview, Texas 79072
U.S.A.
Telephones: (800) 746-9900 (806) 293-5861 (806) 293-8534 FAX: (806) 293-0712
E-mail: wwinters@texasonline.net
- Retail and wholesale.
Natural products for organic production. Fish.
Diversified consulting.
-
- U14 Bio Collect**
5481 Crittenden Street
Oakland, California 94601
U.S.A.
Telephones: (510) 436-8052 (510) 524-9492 FAX: (510) 532-0288
- Retail and wholesale.
Free brochure. Company provides information and insects cleared by USDA-ARS for biological control of weeds.
-
- U15 Biofac Crop Care, Inc.**
P.O. Box 87
Mathis, Texas 78368
U.S.A.
Telephones: (512) 547-3259 (800) 233-4914 (Toll Free) FAX: (512) 547-9660
- Retail and wholesale.
We provide field service and progress reports with the insects where appropriate; and project evaluation.
-
- U16 Biological Control of Weeds**
1418 Maple Drive
Bozeman, Montana 59715
U.S.A.
Telephone: (406) 586-5111 FAX: (406) 586-5111 E-mail: biocontrol@montana.campus.mci.net
- Retail only.
Weed feeding insects for rangeland and natural areas.
Free consultation and catalogue. ANBP member.
-

UNITED STATES - Commercial Suppliers (continued)

- U17 BioLogic Company**
Springtown Road, P.O. Box 177
Willow Hill, Pennsylvania 17271
U.S.A.
Telephones: (717) 349-2789 (717) 349-2922
Retail and wholesale.
Free consultation.
-
- U18 BioShield**
P.O. Box 9068
Fresno, California 93790
U.S.A.
Telephone: (209) 226-7463
Wholesale only.
Phone orders. Free brochure.
Consultation via telephone.
FAX: (209) 226-7463
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- U19 BioSmith Pest Management Service**
385 West Shaw Avenue #121
Fresno, California 93704
U.S.A.
Telephone: (209) 265-0266
Retail and wholesale.
IPM field scouting on large acreage.
Most commercially available species offered.
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- U20 Biotactics, Inc.**
425 La Cadena Drive, West #12
Riverside, California 92501
U.S.A.
Telephone: (909) 320-1366
Retail and wholesale.
ANBP member.
Web site: <http://www.biohaven.com/bus/biotactics>
FAX: (909) 781-6572 E-mail: benemite@biohaven.com
-
- U21 Bountiful Gardens**
18001 Shafer Ranch Road
Willits, California 95490
U.S.A.
Telephone: (707) 459-6410
Retail only.
We are a nonprofit organic gardening supply source and we sell untreated open-pollinated seeds.
FAX: (707) 459-6410
-
- U22 Bowen Biosystems (Bo-Biotrol, Inc.)**
2982 "G" Street, Suite A
Merced, California 95340
U.S.A.
Telephones: (800) 900-0246 (209) 384-2130
Retail and wholesale.
We provide complete consulting services for the agricultural market. We also provide seminars and training in biological control.
FAX: (209) 384-1525
-
- U23 Buena Biosystems**
P.O. Box 4008
Ventura, California 93007
U.S.A.
Telephone: (805) 525-2525
Retail and wholesale.
Site specific consulting available, domestic or international.
ANBP member.
FAX: (805) 525-6058 E-mail: bugdude@msn.com
-
- U24 BugLogical Control Systems**
P.O. Box 32046
Tucson, Arizona 85751-2046
U.S.A.
Telephone: (520) 298-4400
Retail and wholesale.
Complete line of high quality beneficial insects and nematodes for pest control. Web site: <http://www.buglogical.com>
FAX: (520) 298-4400 E-mail: buglogical@aol.com
-

UNITED STATES - Commercial Suppliers (continued)

- U25 California Bio-Works**
33016 Road 204
Woodlake, California 93286
U.S.A.
Telephone: (209) 564-2620
- Retail and wholesale.
To assure delivery during periods of peak demand, order well in advance. Smaller orders generally available upon request.
ANBP member.
-
- U26 Caltec Agri Marketing Services**
P.O. Box 576155
Modesto, California 95357
U.S.A.
Telephones: (800) 491-BUGS (CA or WA Only) (209) 575-1295 (Office) (209) 531-7666 (Mobile)
FAX: (209) 575-0366
- Wholesale only.
Resellers only. UPS delivery.
Minimums of 1000 units. CCOF approved fungicide.
-
- U27 Central Coast Insectary**
391 Hames Road
Watsonville, California 95076
U.S.A.
Telephone: (408) 726-1853
- Retail and wholesale.
Producer. Se habla espanol. Free guidebook for control of twospotted spider mites.

FAX: (408) 726-3090
-
- U28 Chico Game Fish Farm**
971 East Avenue
Chico, California 95926
U.S.A.
Telephone: (916) 343-1849
- Retail and wholesale.
Gambusia affinis for mosquito control. Large mouth bass for control of trash fish in farm ponds and municipal lakes. Several other game fish available for pond stocking. Pond consulting.
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- U29 CropKing Inc.**
5050 Greenwich Road
Seville, Ohio 44273
U.S.A.
Telephone: (330) 769-2002
- Retail and wholesale.
Hydroponic greenhouse crops. Bumble bees. Beneficial microorganisms. Web site: <http://www.cropking.com>

FAX: (330) 769-2616 E-mail: cropking@cropking.com
-
- U30 EcoSolutions, Inc.**
334 East Lake Road Suite 196
Palm Harbor, Florida 34685
U.S.A.
Telephone: (813) 787-3669
- Retail and wholesale.
Free literature. Focus: ornamental nurseries and strawberries in southeast U.S.A.
-
- U31 Evergreen Growers Supply**
17492 South Eaden Road
Oregon City, Oregon 97045-9610
U.S.A.
Telephone: (503) 631-7954
- Retail and wholesale.
Free catalogue.
Web site: <http://www.teleport.com/~jmaurer/egs.html>

FAX: (503) 631-3097 E-mail: jmaurer@teleport.com
-
- U32 FAR, Inc.**
510 1/2 Foothill Parkway
Corona, California 91720
U.S.A.
Telephone: (909) 371-0120 (Office/Orders)
- Retail and wholesale.
Producer of beneficials for citrus, avocados, almonds, and walnuts. Traps and lures. ANBP member.

FAX: (909) 279-5150 (Orders)
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UNITED STATES - Commercial Suppliers (continued)

-
- U33 Fillmore Citrus Protective District** Wholesale only.
P.O. Box 904 We are a co-op and only sell when we have excess parasites.
1003 Sespe Avenue ANBP member.
Fillmore, California 93015
U.S.A.
Telephone: (805) 524-2733
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- U34 Florikan E.S.A.** Wholesale only.
1523 Edger Place Environmentally safe agriculture.
Sarasota, Florida 34240 ANBP member.
U.S.A.
Telephones: (941) 377-8666 (800) 322-8666 (FL) (800) 552-8666 (AL) FAX: (941) 377-3633
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- U35 Gardener's Supply Company** Retail only.
128 Intervale Road Free retail catalogue. Sells gardening supplies, organic pest
Burlington, Vermont 05401-2850 controls and fertilizers. Pest control hotline.
U.S.A.
Telephone: (800) 955-3370 FAX: (800) 551-6712 E-mail: info@gardeners.com
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- U36 Gardens Alive!** Retail only.
5100 Schenley Place Free catalogue.
Lawrenceburg, Indiana 47025
U.S.A.
Telephone: (812) 537-8650 FAX: (812) 537-5108
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- U37 Gempler's, Inc** Retail and wholesale.
211 Blue Mounds Road Free IPM Buyers Guide Catalogue.
P.O. Box 270 Visit our Web site: <http://www.gemplers.com>
Mt. Horeb, Wisconsin 53572
U.S.A.
Telephones: (800) 382-8473 (608) 437-4883 (Outside U.S.A.) FAX: (800) 551-1128
-
- U38 Good Bugs Insectary** Retail and wholesale.
30761A Road 216 *Aphytis melinus* producer. Contact Nick or Rob.
Exeter, California 93221
U.S.A.
Telephones: (209) 592-1681 (Orders) (209) 897-0891 (209) 637-3115 FAX: (209) 592-6412
E-mail: bugman@lightspeed.net
-
- U39 Great Lakes IPM, Inc.** Retail only.
10220 Church Road NE
Vestaburg, Michigan 48891
U.S.A.
Telephones: (517) 268-5693 (517) 268-5911 FAX: (517) 268-5311
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- U40 Greenfire Inc.** Retail and wholesale.
347 Nord Avenue #1 Free catalogue. Ten years experience in supplying a wide variety
Chico, California 95926 of beneficials. Also specializing in biological insecticides, organic
U.S.A. fertilizers, and home of EARTH JUICE.
Telephones: (800) 895-8307 (916) 895-8301 (Chico) (916) 485-8023 (Sacramento) FAX: (916) 895-8317
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UNITED STATES - Commercial Suppliers (continued)

- U41 Gulf Coast Biological Controls**
366 FM 2550
Huntsville, Texas 77340
U.S.A.
Telephones: (800) 524-1958 (Orders Only) (409) 291-2302 (Free Consulting) FAX: (409) 291-0511
Retail and wholesale.
Producer of ANTidote™ fire ant killer (nematodes).
Various species of parasitic nematodes.
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- U42 Harmony Farm Supply**
3244 Highway 116 No. C
Sebastopol, California 95472
U.S.A.
Telephone: (707) 823-9125 FAX: (707) 823-1734 E-mail: info@harmonyfarm.com
Retail only.
Free catalogue: organic growing supplies.
ANBP member. Web site: <http://www.harmonyfarm.com>
-
- U43 Hydro-Gardens, Inc. (HGI Worldwide Inc.)**
P.O. Box 25845
Colorado Springs, Colorado 80936
U.S.A.
Telephones: (719) 495-2266 (800) 634-6362 FAX: (800) 634-6362 E-mail: hgi@usa.net
Retail and wholesale.
Free catalogue and consulting. Nematode producer.
Complete greenhouse supplies. Bumble bees.
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- U44 IFM - Integrated Fertility Mgmt.**
333 Ohme Gardens Road
Wenatchee, Washington 98801
U.S.A.
Telephones: (509) 662-3179 (800) 332-3179 E-mail: philn@televar.com
Retail and wholesale.
Free catalogue. Consultation for organic production.
Tree fruit and soil specialists.
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- U45 Inslee Fish Farm, Inc.**
P.O. Box 207
Connerville, Oklahoma 74836
U.S.A.
Telephones: (405) 836-7150 (800) 222-9505
Retail and wholesale
Check with local regulators regarding the legality of shipping
diploid grass carp.
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- U46 Integrated BioControl Systems, Inc.**
P.O. Box 96
Aurora, Indiana 47001-0096
U.S.A.
Telephone: (812) 537-8673 FAX: (812) 537-8644 E-mail: goodbug@seidata.com
Retail and wholesale.
Available for consulting and contract research in biological
control, IPM, and population interactions. Experienced in
computer simulation modelling in population ecology, etc.
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- U47 Integrated Consulting Entomology (ICE)**
120 Stanislaus Avenue
Ventura, California 93004
U.S.A.
Telephone: (805) 659-4137 FAX: (805) 659-4137
Retail and wholesale.
California citrus/avocado bio-controls (releasing available).
IPM consulting. Licensed Pest Control Advisor. ANBP member.
-
- U48 Integrated Pest Insectary, LLC**
2228 North Ila Avenue
Fresno, California 93705
U.S.A.
Telephones: (209) 456-0990 (209) 284-1538 (Cellular) FAX: (209) 486-3849
Wholesale only.
Producer of sixspotted thrips and western predatory mites for pest
mite control in ornamental, horticultural, and agricultural crops.
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UNITED STATES - Commercial Suppliers (continued)

- U49 Integrated Pest Management Services, LLC** Retail and wholesale.
P.O. Box 989
Fresno, California 93714
Specializing in sixspotted thrips and western predatory mite.
Consulting and monitoring. ANBP member.
U.S.A.
Telephones: (209) 456-0990 (209) 284-1538 (Cellular) FAX: (209) 486-3849
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- U50 International Technology Services** Retail and wholesale.
P.O. Box 19227
Boulder, Colorado 80308-2227
BioBest distributor. Beneficials, biopesticides, bumble bees,
and consulting.
U.S.A.
Telephone: (303) 473-9141 FAX: (303) 473-9143
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- U51 IPM Laboratories, Inc.** Retail and wholesale.
Main Street
Locke, New York 13092
Free catalogues. Specialties are: greenhouses, nurseries, and
northeast U.S.A. manure fly control. ANBP member.
U.S.A.
Telephone: (315) 497-2063 FAX: (315) 497-3129 E-mail: ipmlabs@baldcom.net
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- U52 Island Seed And Feed** Retail only.
29 South Fairview Avenue
Goleta, California 93117
Organic garden and farm supply.
Natural and least toxic pet products.
U.S.A.
Telephone: (805) 967-5262 FAX: (805) 967-7902
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- U53 J & J Aquafarms** Retail and wholesale.
P.O. Box 922
Sanger, California 93657
Consulting. Common carp for aquatic weed control.
Mosquito fish and other species for insect control.
U.S.A.
Telephones: (209) 875-0477 (209) 262-2324 E-mail: jjaquafarms@juno.com
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- U54 J. M. Malone & Son Enterprises** Retail and wholesale.
P.O. Box 158
Lonoke, Arkansas 72086
Sterile Chinese grass carp. Aquatic growth, mussel
control. Free literature.
U.S.A.
Telephones: (501) 676-2800 (501) 676-6554 FAX: (501) 676-2910
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- U55 Keo Fish Farm, Inc.** Wholesale only.
P.O. Box 166
6444 Highway 165 N
Keo, Arkansas 72083
Sterile triploid Chinese grass carp (white amur).
USFWS inspection provided. State permit may be required.
U.S.A.
Telephone: (501) 842-2872 FAX: (501) 842-2156
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- U56 Koppert Biological Systems** Retail and wholesale.
2856 South Main
Ann Arbor, Michigan 48103
Free catalogue and list of side effects of pesticides on beneficials.
Consulting available. Bumble bees. Call for information.
U.S.A.
Telephone: (313) 998-5589 FAX: (313) 998-5557
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UNITED STATES - Commercial Suppliers (continued)

- U57 Kuida Ag. Supply Co.** Retail and wholesale.
P.O. Box 2598 Sales of *Phytoseiulus persimilis*.
Salinas, California 93902
U.S.A.
Telephones: (408) 758 9914 (209) 674-3730 (310) 378-5137 FAX: (408) 758-9933
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- U58 Kunafin "The Insectary"** Retail and wholesale.
Route 1, Box 39 Credit cards and CODs accepted. Consulting entomologists.
Quemado, Texas 78877 Se habla espanol. German also spoken.
U.S.A. We mass rear beneficials. Free brochures.
Telephones: (800) 832-1113 (210) 757-1181 FAX: (210) 757-1468
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- U59 Ladybug Farms** Retail and wholesale.
4012 Stephen Drive Expanding business. Gathering & supplying ladybugs since 1975.
North Highlands, California 95660
U.S.A.
Telephone: (916) 348-1917
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- U60 Ladybug Sales** Wholesale only.
P.O. Box 903 Consulting/coordination. FREE sample to bonafide prospects.
Gridley, California 95948-0903 365 days a year.
U.S.A.
Telephones: (916) 868-5059 (916) 868-1638 (916) 868-1627 (Messages) FAX: (916) 846-2655
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- U61 Living Farm Systems** Retail and wholesale.
12230 Livingston-Cressey Road Consulting available in the central San Joaquin Valley
Livingston, California 95334 specializing in trees and vines. Brochure on request.
U.S.A.
Telephones: (209) 394-1420 (Office) (209) 761-0081 (Cellular) FAX: (209) 394-4223
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- U62 Mary's Decollate Snails** Retail and wholesale.
912 Cassou Road Free brochure. Producer. Mail orders accepted.
San Marcos, California 92069-9715
U.S.A.
Telephone: (760) 744-9233 E-mail: borevitz@sdcoe.k12.ca.us
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- U63 Mellinger's, Inc.** Retail only.
2310 West South Range Road Free catalogue.
North Lima, Ohio 44452-9731
U.S.A.
Telephones: (330) 549-9861 (800) 321-7444 (Orders Only) FAX: (330) 549-3716
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- U64 M & R Durango, Inc.** Retail and wholesale.
P.O. Box 886 Producer. Free brochure. Technical support
Bayfield, Colorado 81122 and consultation available. ANBP member.
U.S.A.
Telephones: (970) 259-3521 (800) 526-4075 FAX: (970) 259-3857 E-mail: sales@goodbug.com
-

UNITED STATES - Commercial Suppliers (continued)

U65 Musgrove's Decollate Snails
2901 Everwood Drive
Riverside, California 92503
U.S.A.
Telephone: (909) 785-1680

Wholesale only.
Sales to permitted areas only. Snails primarily used against European brown garden snail and as general organic composters.

U66 Natural Pest Control
8864 Little Creek Drive
Orangevale, California 95662
U.S.A.
Telephones: (916) 726-0855 (8-5 7days) (916) 923-3353 (8-5 M-F) FAXes: (916) 726-0855 (916) 923-3353
E-mail: natpestco@cwnet.com

Retail and wholesale.
Suppliers of retail packaged beneficials to all kinds of retailers.
Supplier of beneficials to consumers and agriculture.

U67 Nature's Control
P.O. Box 35
Medford, Oregon 97501
U.S.A.
Telephone: (541) 899-8318 FAXes: (503) 899-9121 (800) 698-6250 (Toll Free) E-mail: bugsnc@teleport.com

Retail and wholesale.
Retail and complete dealer program. Free brochure.
Same day shipping. We take credit card and COD orders, too.

U68 Nematec - Biological Control Agents
P.O. Box 93
Lafayette, California 94549-0093
U.S.A.
Telephone: (510) 735-8800

Retail only.
Free brochure and literature available.

U69 Novartis BCM North America
P.O. Box 2430
Oxnard, California 93034
U.S.A.
Telephone: (805) 986-8265

Wholesale only.
Producer. Formerly Ciba Bunting North America.
ANBP member.
FAX: (805) 986-8267

U70 N-Viro Products Ltd.
610 Walnut Avenue
Bohemia, New York 11716
U.S.A.
Telephone: (516) 567-2628

Wholesale only.
Free consultation via telephone.
FAX: (516) 567-2628

U71 Oxnard Pest Control Association
666 Pacific Avenue
P.O. Box 1187
Oxnard, California 93032
U.S.A.
Telephone: (805) 483-1024

Retail and wholesale.
Cryptolaemus montrouzieri produced year-round.
Decollate snails available in bulk.
ANBP member.
FAX: (805) 487-6867

U72 Panhandle Biological
P.O. Box 3927
Amarillo, Texas 79116
U.S.A.
Telephone: (806) 352-9569

Retail and wholesale.
Training and consulting available. IPM program designs, agricultural, and confined animal specialists.
FAX: (806) 379-9413

UNITED STATES - Commercial Suppliers (continued)

- U73 Peaceful Valley Farm Supply**
P.O. Box 2209
110 Spring Hill Drive #2
Grass Valley, California 95945
U.S.A.
Telephone: (916) 272-4769
- Retail only.
Free 125 page catalogue of organic and IPM supplies.
ANBP member.
FAX: (916) 272-4794
-
- U74 Planet Natural**
1612 Gold Avenue
P.O. Box 3146
Bozeman, Montana 59772
U.S.A.
Telephones: (800) 289-6656 (Orders Only) (406) 587-5891 FAX: (406) 587-0223 E-mail: ecostore@mcn.net
- Retail and wholesale.
Natural products for home, lawn, and garden. Free catalogue.
Producers of *Nosema locustae*. ANBP member.
Web site: <http://www.planetnatural.com>
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- U75 Plant Sciences, Inc. (Koppert)**
342 Green Valley Road
Watsonville, California 95076
U.S.A.
Telephone: (408) 728-7771
- Retail and wholesale.
All FAXed orders will receive a FAXed confirmation.
We also have bumble bees. ANBP member.
FAX: (408) 728-4967
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- U76 PNE, Inc.**
2900 A Longmire Drive
College Station, Texas 77845-5828
U.S.A.
Telephone: (409) 693-5801
- Retail and wholesale.
Natural enemies of urban pests. Free literature with SASE.
Consulting recommended.
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- U77 Praxis**
2723 116th Avenue
Allegan, Michigan 49010
U.S.A.
Telephone: (616) 673-2793
- Retail and wholesale.
We sell site specific Biotool-kit TM. All organisms listed and others not listed are available through Biotool-kit TM for homes, businesses, and agriculture.
Web site: <http://www.datawise.net/~praxis/>
FAX: (616) 673-2793 E-mail: praxis@datawise.net
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- U78 Rincon-Vitova Insectaries, Inc.**
P.O. Box 1555
Ventura, California 93002-1555
U.S.A.
Telephones: (805) 643-5407 (800) 248-BUGS (2847) FAX: (805) 643-6267 E-mail: bugnet@west.net
- Retail and wholesale.
Free literature and price list. Se habla espanol.
Consulting. ANBP/AAIE members.
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- U79 Rocky Mountain Insectary**
P.O. Box 152
Palisade, Colorado 81526
U.S.A.
- Retail and wholesale.
Pediobius foveolatus - a parasite of the Mexican bean beetle.
Write for order form.
-
- U80 San Jacinto Environmental Supplies**
2221-A West 34th Street
Houston, Texas 77018
U.S.A.
Telephone: (713) 957-0909
- Wholesale only.
Complete organic/sustainable horticultural and agricultural supplier. Manufacturer of organic fertilizers.
FAX: (713) 957-0707
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UNITED STATES - Commercial Suppliers (continued)

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- U81 Sespe Creek Insectary**
P.O. Box 176
Lindsay, California 93247
U.S.A.
Telephone: (209) 562-6464
- Retail and wholesale.
Specializing in *Aphytis melinus*. Producer.
Sales in California only. ANBP member.
-
- U82 Sierra Ag**
2749 East Malaga Avenue
Fresno, California 93725
U.S.A.
Telephone: (209) 233-0585
- Retail and wholesale.
Specialities: predaceous mites, lacewings, *Aphytis melinus*.
Consulting in the San Joaquin Valley.
Web site: <http://www.SierraAg.com>
FAX: (209) 233-0633 E-mail: IPM@SierraAg.com
-
- U83 S & J Ranch**
P.O. Box 3347
Pinedale, California 93650
U.S.A.
Telephones: (209) 439-2598 (Office) (209) 439-5846 (Insectary) FAX: (209) 435-8067
E-mail: sjranch@psnw.com
- Retail and wholesale.
Producer. Technical support and consulting.
Complete farm management. Se habla espanol. ANBP member.
-
- U84 Spalding Laboratories**
760 Printz Road
Arroyo Grande, California 93420
U.S.A.
Telephones: (800) 845-2847 (Orders) (805) 489-5946 (800) 779-0201 (Auto. Info.) FAX: (805) 489-0336
- Retail and wholesale.
Fly predators- tiny insects for control of manure and filth breeding
pest flies. ANBP member.
Web site: <http://www.spalding-labs.com>
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- U85 Stanley Gardens**
P.O. Box 913
295 Jackson Street
Belchertown, Massachusetts 01007-0913
U.S.A.
Telephone: (413) 323-6196 FAX: (413) 323-9594
- Retail and wholesale.
Producer; *Neoseiulus fallacis*, a cold tolerant predator mite.
IPM consulting available within 100 miles.
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Westlake Village, California 91359-7614
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FAX: (800) 316-1264 (Mail Orders) E-mail: jwray@wormsway.com

Predatory Mites

Galendromus annectans - for pest mites - U03, U05, U06, U19, U20, U23, U24, U32, U47, U78

Galendromus (= *Typhlodromus*) *helveolus* - for Persea mite on avocados - C09, C11, U03, U05, U06, U08, U19, U20, U23, U24, U31, U32, U47, U61, U78, U88, U92

Galendromus (= *Metaseiulus*, = *Typhlodromus*) *occidentalis* - western predatory mite for spider mites - C06, C07, C09, C11, C14, U02, U03, U04, U05, U06, U08, U12, U13, U19, U20, U22, U23, U24, U30, U31, U32, U40, U42, U43, U44, U48, U49, U51, U52, U61, U63, U66, U67, U73, U74, U78, U80, U82, U83, U88, U89, U92, U93, U95

Hypoaspis aculeifer - for fungus gnats and flower thrips - U56, U75

Hypoaspis miles - for fungus gnats and flower thrips - C01, C04, C06, C07, C08, C09, C11, C12, C14, U03, U06, U23, U24, U30, U31, U40, U42, U43, U44, U50, U51, U56, U64, U69, U75, U78, U88, U89, U92

Iphiseius (*Amblyseius*) *degenerans* - for western flower thrips and pest mites - C01, C04, C07, C08, C11, C12, C14, U05, U31, U50, U51, U56, U78, U88, U89, U92

Mesoseiulus (= *Phytoseiulus*) *longipes* - for spider mites - C07, C09, C11, C12, C14, U05, U06, U08, U13, U20, U24, U30, U31, U36, U42, U43, U44, U50, U51, U52, U67, U73, U74, U78, U88, U89, U92, U95

Neoseiulus (= *Amblyseius*, = *Phytoseiulus*) *barkeri* (= *mckenziei*) - for thrips - C09, C11, C14, U05, U06, U24, U51, U66, U80, U88

Neoseiulus (= *Amblyseius*) *californicus* - for spider mites - C04, C06, C07, C08, C09, C11, C14, U03, U05, U06, U08, U09, U13, U19, U20, U24, U29, U30, U31, U36, U37, U42, U43, U44, U50, U51, U52, U56, U66, U67, U69, U73, U74, U75, U78, U80, U88, U89, U92, U95

Neoseiulus (= *Amblyseius*) *cucumeris* - for thrips, cyclamen and broad mites - C01, C03, C04, C06, C07, C08, C09, C10, C11, C12, C14, U03, U05, U06, U09, U11, U13, U23, U24, U26, U29, U30, U31, U34, U37, U42, U43, U44, U50, U51, U52, U56, U64, U66, U67, U69, U73, U74, U75, U78, U80, U88, U89

Neoseiulus (= *Amblyseius*) *fallacis* - for European red and twospotted spider mites - C01, C07, C11, C12, C14, U05, U06, U09, U20, U24, U31, U37, U44, U50, U51, U78, U85, U88, U89, U92

Neoseiulus setulus - for cyclamen mites on strawberries - U06

Phytoseiulus macropilis - for spider mites - U05, U20, U30, U51, U89

Phytoseiulus persimilis - for spider mites - C01, C03, C04, C06, C07, C08, C09, C11, C12, C14, U03, U04, U05, U06, U08, U09, U11, U13, U20, U23, U24, U26, U27, U29, U30, U31, U32, U34, U36, U37, U40, U42, U43, U44, U50, U51, U52, U56, U57, U63, U64, U66, U67, U69, U73, U74, U75, U78, U86, U87, U88, U89, U92, U95

Pyemotes tritici - straw itch mite for ants and stored product pests - U24, U29, U72

Typhlodromus pyri - for various apple and other orchard mites - U44

Typhlodromus rickeri - for various orchard mites - U20, U78

Parasitic Nematodes

Heterorhabditis bacteriophora (= *heliolithidis*) - for manure flies, caterpillars, weevil larvae, and other soil-dwelling insects - C03, C09, C11, C12, U06, U09, U11, U17, U24, U31, U35, U36, U40, U42, U43, U44, U46, U51, U61, U64, U67, U68, U73, U74, U78, U80, U88, U89

Heterorhabditis megidis - for various soil-dwelling insects - C07, C08, C09, U06, U24, U40, U50, U56, U61, U75, U95

Steinernema (= *Neoaplectana*) *carpocapsae* - for caterpillars, beetle larvae, some flies, and other soil-dwelling insects - C03, C06, C07, C09, C10, C11, C12, C13, C14, U05, U06, U09, U11, U13, U17, U18, U21, U23, U24, U31, U39, U40, U42, U43, U44, U49, U52, U61, U63, U64, U67, U70, U73, U74, U78, U80, U88, U89, U91, U95

Steinernema (= *Neoaplectana*) *feltiae* (= *bibionis*) - for various soil-dwelling insects - C04, C07, C08, C11, U05, U06, U17, U24, U29, U30, U35, U40, U44, U46, U50, U51, U56, U64, U73, U75, U91

Steinernema (= *Neoaplectana*) *glaseri* - for soil-dwelling white grubs - U05, U06, U24, U40, U87

Steinernema riobravo - for corn earworm, mole crickets, and the larvae of citrus weevils - U05, U06, U24, U40, U49, U91

Stored Product Pest Parasites and Predators

Anisopteromalus calandrae - a parasite for weevils - U15, U26

Bracon hebetor - a parasite for moth larvae - U06, U15, U24, U26, U72

Pyemotes tritici - straw itch mite, a predator for beetles and moths - U24, U29, U72

Xylocoris flavipes - warehouse pirate bug, a predator for various insects - U15, U24, U72

Aphid Parasites and Predators

Aphelinus abdominalis - a parasite - C04, C07, C08, C11, U29, U51, U56, U89

Aphidoletes aphidimyza - a predator - C01, C03, C04, C06, C07, C08, C11, C14, U03, U05, U06, U09, U11, U13, U23, U24, U26, U29, U30, U31, U32, U39, U40, U42, U43, U44, U50, U51, U52, U56, U64, U66, U67, U73, U74, U75, U78, U88, U89, U92, U95

Aphidius colemani - a parasite - C04, C06, C07, C08, C11, C12, C14, U05, U23, U24, U29, U30, U31, U34, U39, U40, U42, U43, U50, U51, U52, U56, U69, U74, U75, U78, U88, U89

Aphidius ervi - a parasite - U56, U69

Aphidius matricariae - a parasite - C01, C07, C14, U05, U06, U24, U30, U31, U32, U43, U44, U51, U64, U67, U78, U88, U89, U92, U95

Chrysoperla (= *Chrysopa*) *carnea* - common green lacewing, a predator - C03, C04, C06, C07, C10, C11, C12, C14, M03, M07, M08, M09, M11, M12, M14, M17, M18, M20, M21, M24, M27, M29, M30, U01, U03, U04, U05, U06, U07, U11, U12, U19, U22, U23, U24, U26, U29, U30, U31, U32, U36, U39, U40, U42, U43, U44, U47, U49, U50, U51, U56, U58, U61, U63, U66, U67, U72, U78, U80, U82, U89, U90, U92, U94, U95

Chrysoperla (= *Chrysopa*) *comanche* - Comanche lacewing, a predator - C14, U04, U05, U06, U07, U12, U22, U23, U24, U26, U31, U40, U42, U44, U49, U50, U61, U80, U82, U89

Chrysoperla (= *Chrysopa*) *rufilabris* - a green lacewing, a predator - C02, C03, C05, C09, C11, C14, M31, U01, U03, U04, U05, U06, U07, U08, U09, U11, U12, U13, U15, U21, U22, U23, U24, U26, U30, U31, U36, U39, U40, U42, U43, U44, U47, U49, U50, U51, U52, U58, U61, U64, U67, U69, U72, U73, U74, U78, U80, U82, U87, U88, U89, U92, U94, U95

Coleomegilla maculata - pink spotted lady beetle, a predator - C05

Deraeocoris brevis - a true bug, a predator - C01, C07, C11, C14, U06, U31, U44, U78, U89, U92

Diaeretiella rapae - a parasite - U06

Harmonia axyridis - Asian multi-colored lady beetle, a predator - C01, C05, C08, C11, U31, U78, U89

Hippodamia convergens - convergent lady beetle, a predator - C03, C06, C07, C08, C09, C10, C11, C12, C13, C14, U01, U03, U04, U05, U06, U07, U09, U11, U12, U13, U15, U23, U24, U29, U30, U31, U36, U40, U42, U43, U44, U49, U50, U51, U52, U56, U58, U59, U60, U61, U63, U64, U66, U67, U73, U74, U75, U78, U82, U87, U88, U89, U90, U92, U94, U95

Lysiphlebus testaceipes - a parasite - U72

Macrolophus caliginosus - a predator - C07, C11

Orius insidiosus - a predator - C04, C06, C07, C08, C09, C11, C12, C14, U05, U06, U09, U13, U24, U30, U31, U34, U42, U43, U44, U50, U51, U56, U64, U67, U69, U73, U74, U75, U78, U80, U88, U89, U92, U95

Orius tristicolor - minute pirate bug, a predator - C03, C09, C10, U05, U06, U11, U23, U24, U30, U66, U78, U95

Whitefly Parasites and Predators

Chrysoperla (= *Chrysopa*) *carnea* - common green lacewing, a predator - C03, C04, C06, C07, C10, C11, C12, C14, M03, M07, M08, M09, M11, M12, M14, M17, M18, M20, M21, M24, M27, M29, M30, U01, U03, U04, U05, U06, U07, U11, U12, U19, U22, U23, U24, U26, U29, U30, U31, U32, U36, U39, U40, U42, U43, U44, U47, U49, U50, U51, U56, U58, U61, U63, U66, U67, U72, U78, U80, U82, U89, U90, U92, U94, U95

Chrysoperla (= *Chrysopa*) *comanche* - Comanche lacewing, a predator - C14, U04, U05, U06, U07, U12, U22, U23, U24, U26, U31, U40, U42, U44, U49, U50, U61, U80, U82, U89

Chrysoperla (= *Chrysopa*) *rufilabris* - a green lacewing, a predator - C02, C03, C05, C09, C11, C14, M31, U01, U03, U04, U05, U06, U07, U08, U09, U11, U12, U13, U15, U21, U22, U23, U24, U26, U30, U31, U36, U39, U40, U42, U43, U44, U47, U49, U50, U51, U52, U58, U61, U64, U67, U69, U72, U73, U74, U78, U80, U82, U87, U88, U89, U92, U94, U95

Delphastus pusillus - a predator - C01, C03, C04, C07, C09, C11, C12, C14, U03, U05, U06, U09, U11, U13, U19, U23, U24, U29, U31, U37, U39, U42, U43, U44, U50, U51, U52, U67, U73, U74, U78, U80, U88, U89, U92, U95

Deraeocoris brevis - a true bug, a predator - C01, C07, C11, C14, U06, U31, U44, U78, U89, U92

Encarsia deserti (= *luteola*) - a parasite for sweetpotato and silverleaf whiteflies - U03, U05, U43, U50, U88

Encarsia formosa - a parasite for greenhouse whitefly - C01, C03, C04, C06, C07, C08, C09, C10, C11, C12, C14, U03, U04, U05, U06, U07, U09, U11, U13, U21, U23, U24, U26, U29, U31, U32, U34, U36, U37, U39, U40, U42, U43, U44, U50, U51, U52, U56, U63, U64, U66, U67, U69, U72, U73, U74, U75, U78, U80, U87, U88, U89, U92, U95

Eretmocerus californicus - a parasite for sweetpotato and silverleaf whiteflies - C04, C07, C08, C09, C11, U03, U05, U06, U08, U24, U31, U34, U40, U43, U50, U51, U56, U64, U69, U75, U78, U88, U89

Macrolophus caliginosus - a predator - C07, C11

Parasites and Predators for Greenhouse Pests

Aphelinus abdominalis - a parasite for aphids - C04, C07, C08, C11, U29, U51, U56, U89

Aphidoletes aphidimyza - a gall midge, a predator for aphids - C01, C03, C04, C06, C07, C08, C11, C14, U03, U05, U06, U09, U11, U13, U23, U24, U26, U29, U30, U31, U32, U39, U40, U42, U43, U44, U50, U51, U52, U56, U64, U66, U67, U73, U74, U75, U78, U88, U89, U92, U95

Aphidius colemani - a parasite for aphids - C04, C06, C07, C08, C11, C12, C14, U05, U23, U24, U29, U30, U31, U34, U39, U40, U42, U43, U50, U51, U52, U56, U69, U74, U75, U78, U88, U89

Aphidius matricariae - a parasite for aphids - C01, C07, C14, U05, U06, U24, U30, U31, U32, U43, U44, U51, U64, U67, U78, U88, U89, U92, U95

Cryptolaemus montrouzieri - mealybug destroyer, a predator for various scales and mealybugs - C03, C04, C06, C07, C08, C09, C11, C12, C14, U03, U05, U06, U09, U11, U12, U13, U19, U23, U24, U26, U29, U30, U31, U32, U34, U39, U40, U42, U43, U44, U47, U49, U50, U51, U52, U56, U63, U64, U66, U67, U69, U71, U73, U74, U75, U78, U80, U82, U88, U89, U92, U95

Dacnusa sibirica - a parasite for leafminers - C04, C06, C07, C08, C11, C14, U03, U06, U24, U29, U31, U40, U43, U50, U51, U56, U66, U69, U75, U78, U89, U92

Delphastus pusillus - a predator for whiteflies - C01, C03, C04, C07, C09, C11, C12, C14, U03, U05, U06, U09, U11, U13, U19, U23, U24, U29, U31, U37, U39, U42, U43, U44, U50, U51, U52, U67, U73, U74, U78, U80, U88, U89, U92, U95

Diaeretiella rapae - a parasite for aphids - U06

Diglyphus isaea - a parasite for leafminers - C04, C06, C07, C08, C09, C11, C14, U03, U06, U24, U29, U31, U40, U42, U43, U44, U50, U51, U52, U56, U66, U69, U74, U75, U78, U88, U89, U92

Encarsia deserti (= *luteola*) - a parasite for sweetpotato and silverleaf whiteflies - U03, U05, U43, U50, U88

Encarsia formosa - a greenhouse whitefly parasite - C01, C03, C04, C06, C07, C08, C09, C10, C11, C12, C14, U03, U04, U05, U06, U07, U09, U11, U13, U21, U23, U24, U26, U29, U31, U32, U34, U36, U37, U39, U40, U42, U43, U44, U50, U51, U52, U56, U63, U64, U66, U67, U69, U72, U73, U74, U75, U78, U80, U87, U88, U89, U92, U95

Eretmocerus californicus - a parasite for sweetpotato and silverleaf whiteflies - C04, C07, C08, C09, C11, U03, U05, U06, U08, U24, U31, U34, U40, U43, U50, U51, U56, U64, U69, U75, U78, U88, U89

Feltiella acarisuga (= *Therodiplosis persicae*) - a gall midge, a predator for mites - C01, C04, C11, C12, C14, U31, U78, U89

Hippodamia convergens - convergent lady beetle, a general predator - C03, C06, C07, C08, C09, C10, C11, C12, C13, C14, U01, U03, U04, U05, U06, U07, U09, U11, U12, U13, U15, U23, U24, U29, U30, U31, U36, U40, U42, U43, U44, U49, U50, U51, U52, U56, U58, U59, U60, U61, U63, U64, U66, U67, U73, U74, U75, U78, U82, U87, U88, U89, U90, U92, U94, U95

Hypoaspis aculeifer - a predatory mite for fungus gnats and flower thrips - U56, U75

Hypoaspis miles - a predatory mite for fungus gnats and flower thrips - C01, C04, C06, C07, C08, C09, C11, C12, C14, U03, U06, U23, U24, U30, U31, U40, U42, U43, U44, U50, U51, U56, U64, U69, U75, U78, U88, U89, U92

Iphiseius (= *Amblyseius degenerans*) - a predatory mite for western flower thrips and pest mites - C01, C04, C07, C08, C11, C12, C14, U05, U31, U50, U51, U56, U78, U88, U89, U92

Lysiphlebus testaceipes - a parasite for aphids - U72

Orius insidiosus - a general predator - C04, C06, C07, C08, C09, C11, C12, C14, U05, U06, U09, U13, U24, U30, U31, U34, U42, U43, U44, U50, U51, U56, U64, U67, U69, U73, U74, U75, U78, U80, U88, U89, U92, U95

Orius tristicolor - minute pirate bug, a general predator - C03, C09, C10, U05, U06, U11, U23, U24, U30, U66, U78, U95

Scolothrips sexmaculatus - sixspotted thrips, a predator for mites and thrips - U02, U03, U05, U19, U23, U48, U49, U78, U82, U83, U92

Stethorus punctillum - a predator for mites - C01, U89

Thripobius semiluteus - a parasite for thrips - C09, C11, U03, U06, U23, U24, U32, U44, U47, U51, U61, U67, U73, U78, U88, U89, U95

Scale and Mealybug Parasites and Predators

Aphytis melinus - a parasite for red scale - C03, C09, C11, C12, C14, U03, U05, U06, U11, U12, U23, U24, U26, U30, U31, U32, U33, U38, U39, U42, U43, U44, U47, U49, U51, U64, U66, U71, U73, U78, U81, U82, U83, U88, U89, U92

Cryptolaemus montrouzieri - mealybug destroyer, a predator for various scales and mealybugs - C03, C04, C06, C07, C08, C09, C11, C12, C14, U03, U05, U06, U09, U11, U12, U13, U19, U23, U24, U26, U29, U30, U31, U32, U34, U39, U40, U42, U43, U44, U47, U49, U50, U51, U52, U56, U63, U64, U66, U67, U69, U71, U73, U74, U75, U78, U80, U82, U88, U89, U92, U95

Leptomastix dactylopii - a parasite for citrus mealybug - C04, C07, C08, C09, C11, C14, U06, U24, U30, U31, U43, U44, U50, U51, U56, U75, U88, U89

Metaphycus helvolus - a parasite for black scale - C03, C07, C09, C11, C14, U05, U06, U11, U24, U31, U33, U42, U43, U44, U50, U51, U66, U73, U78, U81, U88, U89, U92

Pseudaphycus angelicus - a parasite for mealybugs - U69

Rhyzobius (= *Lindorus*) *lophanthae* - a predator for various scales - C09, C11, C14, U05, U06, U24, U30, U31, U42, U43, U44, U50, U51, U64, U78, U88, U89, U92

Rhyzobius (= *Lindorus*) *ventralis* - a predator for various scales - U78

Insect Egg Parasites

Anagrus epos - for leafhoppers - U44

Anaphes iole - for lygus bugs - C05, C10, C11, U20, U51, U78, U88, U89, U92

Anastatus tenuipes - for brownbanded cockroaches - U76

Aprostocetus (= *Tetrastichus*) *hagenowii* - for American, smokey, brown, Australian, Oriental cockroaches - U76

Comperia merceti - for brownbanded cockroaches - U76

Trichogramma brassicae - for exposed eggs of various moths and pest butterflies - C02, C05, C06, C07, C09, C11, C12, C14, U04, U05, U06, U08, U09, U22, U23, U24, U31, U39, U44, U51, U52, U56, U61, U64, U67, U72, U73, U74, U75, U78, U87, U88, U92

Trichogramma evanescens - for exposed eggs of various moths and pest butterflies - C07, C09, C14, U05, U06, U08, U24, U50, U72

Trichogramma exiguum - for exposed eggs of various moths and pest butterflies- M16, M18, M24

Trichogramma minutum - minute egg parasite, primarily for exposed eggs of various moths and butterflies in orchards - C02, C03, C09, C11, C14, M13, M22, U01, U04, U05, U06, U07, U08, U09, U11, U12, U13, U19, U24, U29, U31, U36, U39, U40, U42, U43, U44, U49, U50, U51, U52, U58, U63, U64, U66, U67, U72, U73, U74, U78, U80, U82, U88, U89, U90, U92, U94, U95

Trichogramma platneri - primarily for exposed eggs of various moths and butterflies in orchards - C02, C07, C09, C11, C12, C14, U01, U03, U04, U05, U06, U07, U08, U12, U13, U19, U22, U23, U24, U26, U31, U32, U39, U42, U44, U47, U49, U50, U52, U61, U63, U64, U66, U67, U72, U73, U74, U78, U82, U88, U89, U92

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Pentalitomastix plethoricus - for navel orangeworm - U22, U25, U26, U61, U82

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Bracon kirkpatricki - an external parasite for cotton boll weevil larvae - U24

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Pediobius foveolatus - for bean beetle - C09, U06, U24, U79, U89

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Chrysoperla (= *Chrysopa*) *carnea* - common green lacewing - C03, C04, C06, C07, C10, C11, C12, C14, M03, M07, M08, M09, M11, M12, M14, M17, M18, M20, M21, M24, M27, M29, M30, U01, U03, U04, U05, U06, U07, U11, U12, U19, U22, U23, U24, U26, U29, U30, U31, U32, U36, U39, U40, U42, U43, U44, U47, U49, U50, U51, U56, U58, U61, U63, U66, U67, U72, U78, U80, U82, U89, U90, U92, U94, U95

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Coleomegilla maculata - pink spotted lady beetle - C05

Cryptolaemus montrouzieri - mealybug destroyer, for scales and mealybugs - C03, C04, C06, C07, C08, C09, C11, C12, C14, U03, U05, U06, U09, U11, U12, U13, U19, U23, U24, U26, U29, U30, U31, U32, U34, U39, U40, U42, U43, U44, U47, U49, U50, U51, U52, U56, U63, U64, U66, U67, U69, U71, U73, U74, U75, U78, U80, U82, U88, U89, U92, U95

Delphastus pusillus - for whiteflies - C01, C03, C04, C07, C09, C11, C12, C14, U03, U05, U06, U09, U11, U13, U19, U23, U24, U29, U31, U37, U39, U42, U43, U44, U50, U51, U52, U67, U73, U74, U78, U80, U88, U89, U92, U95

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Gambusia affinis - mosquito fish, for mosquitoes - U13, U28, U53, U66

Geocoris punctipes - a big-eyed bug - U15

Harmonia axyridis - Asian multi-colored lady beetle - C01, C05, C08, C11, U31, U78, U89

Hippodamia convergens - convergent lady beetle - C03, C06, C07, C08, C09, C10, C11, C12, C13, C14, U01, U03, U04, U05, U06, U07, U09, U11, U12, U13, U15, U23, U24, U29, U30, U31, U36, U40, U42, U43, U44, U49, U50, U51, U52, U56, U58, U59, U60, U61, U63, U64, U66, U67, U73, U74, U75, U78, U82, U87, U88, U89, U90, U92, U94, U95

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- Neoplectana* - (see *Steinernema*)
- Neoseiulus* (= *Amblyseius*, = *Phytoseiulus*) *barkeri* (= *mckenziei*) - C09, C11, C14, U05, U06, U24, U51, U66, U80, U88
- Neoseiulus* (= *Amblyseius*) *californicus* - C04, C06, C07, C08, C09, C11, C14, U03, U05, U06, U08, U09, U13, U19, U20, U24, U29, U30, U31, U36, U37, U42, U43, U44, U50, U51, U52, U56, U66, U67, U69, U73, U74, U75, U78, U80, U88, U89, U92, U95
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Selected References - Biological Control and Integrated Pest Management

Dreistadt, S.H. (1994) Pests of Landscape Trees and Shrubs, An Integrated Pest Management Guide. Statewide IPM Project, University of California, Division of Agriculture and Natural Resources Publication 3359, Oakland, California, U.S.A. 327 pp.

Flint, M.L. (1990) Pests of the Garden and Small Farm, A Grower's Guide to Using Less Pesticides. Statewide IPM Project, University of California, Division of Agriculture and Natural Resources Publication 3332, Oakland, California, U.S.A. 276 pp.

Hoffmann, M.P. and A.C. Frodsham. (1993) Natural Enemies of Vegetable Insect Pests. Cornell University, Ithaca, New York, U.S.A. 63 pp.

Hoy, M.A., G.L. Cunningham, and L. Knutson Editors. (1987) Biological Control of Pests by Mites. University of California, Berkeley, California, U.S.A. 185 pp.

Mahr, D.L. and N.M. Ridgway. (1993) Biological Control of Insects and Mites, An Introduction to Beneficial Natural Enemies and Their Use in Pest Management. University of Wisconsin, Madison, Wisconsin, U.S.A. 91 pp.

Malais, M. and W.J. Ravensberg. (1991) Knowing and Recognizing - The Biology of Glasshouse Pests and Their Natural Enemies. Koppert B.V., Berkel en Rodenrijs, the Netherlands. 109 pp.

Nichols, J.R., L.A. Andres, J.W. Beardsley, R.D. Goeden, and C.G. Jackson. (1995) Biological Control in the Western United States: Accomplishments and Benefits of Regional Project W-84, 1964-1989. University of California, Division of Agriculture and Natural Resources Publication 3361, Oakland, California, U.S.A. 356 pp.

Olkowski, W., S. Daar, and H. Olkowski. (1991) Common-Sense Pest Control: Least-Toxic Solutions for Your Home, Garden, Pets and Community. The Taunton Press, Newtown, Connecticut, U.S.A. 715 pp.

Raupp, M.J., R.G. Van Driesche, and J.A. Davidson. (1993) Biological Control of Insect and Mite Pests of Woody Landscape Plants: Concepts, Agents and Methods. University of Maryland, College Park, Maryland, U.S.A. 39 pp.

Steiner, M.Y. and D.P. Elliott. (1987) Biological Pest Management for Interior Landscapes. 2nd ed. Alberta Environmental Centre, Vegreville, Alberta, Canada. 32 pp.

Watson, A.K., Editor. (1993) Biological Control of Weeds Handbook. Weed Science Society of America, Champaign, Illinois, U.S.A. 202 pp.

Yepsen, R.B., Jr., Editor. (1984) The Encyclopedia of Natural Insect and Disease Control. Rodale Press, Emmaus, Pennsylvania, U.S.A. 490 pp.

Web Sites - Biological Control and Integrated Pest Management

An electronic copy of this publication which can be downloaded and printed is available. An electronic database on suppliers of beneficial organisms in North America with additional information on biological control and integrated pest management is also available. Both can be accessed through the Department of Pesticide Regulation's Home Page at <http://www.cdpr.ca.gov>

The following is a brief listing of university and government **Web sites** on biological control and integrated pest management:

APHIS National Biological Control Institute (NBCI) - USDA Animal and Plant Health Service
<http://www.aphis.usda.gov/nbc/nbc.html>

APHIS Plant Protection Centers - USDA Animal and Plant Health Service
<http://www.aphis.usda.gov/PPQ/bco/>

Auburn's Biological Control Institute (BCI) - Auburn University
<http://www.ag.auburn.edu/bci/bci.html>

Cornell's Biological Control Home Page - Cornell University
<http://www.nysaes.cornell.edu:80/ent/biocontrol/index.html>

Florida Agricultural Information Retrieval System - University of Florida
<http://hammock.ifas.ufl.edu/>

Florida's National IPM Network - University of Florida
<http://hammock.ifas.ufl.edu/tmp/en.html>

NEB Guide - Biological Control of Insect and Mite Pests - University of Nebraska Cooperative Ext.
<http://ianrwww.unl.edu/ianr/pubs/extnpubs/insects/g1251.HTM#SOURCES>

North Carolina's National IPM Network (North Carolina State University)
<http://ipmwww.ncsu.edu/>

North Carolina State BioControl Contents - North Carolina State University
<http://ipmwww.ncsu.edu/biocontrol/biocontrol.html>

Purdue's Biological Control Laboratory - University of Purdue Cooperative Extension
<http://www.entm.purdue.edu/entomology/bclab/biocontrol.html>

University of California IPM Home Page - University of California at Davis
<http://www.ipm.ucdavis.edu/>