

# Source Materials Products and Services

Effective October 2014



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## Ordering Information

To set up a new account with GREER®, please contact a Customer Service Representative.  
**800.378.3907 or 828.759.7334**

### Ordering

For the best possible service, specify the account number, item number, source material, and/or product name as shown in the catalog.

### Minimum Order

A minimum order of 5 grams of source material is required.

### Custom Products

Custom products are specially priced and may require a larger minimum order. Delivery will be a minimum of 4 to 6 weeks. Custom products cannot be returned. Please consult your Customer Service Representative for more detailed information.

### Shipping

Source materials are shipped overnight for next-day delivery unless otherwise specified.

### Terms

Net 30 days from date of invoice. FOB Lenoir, NC. Shipping and insurance charges are prepaid and added to the invoice. All prices are in US dollars. All prices are subject to change without notice. We accept payment via MasterCard®, Visa®, and American Express®.

### Returns

Please contact a GREER® Customer Service Representative, at 800.378.3907 or 828.759.7334, for *prior approval* of all product returns. Any shipping error must be reported within 7 days of receipt of the order. A Return Goods Authorization Number must accompany all product returns to GREER within 10 days of the return notification.

Return transportation charges are the customer's responsibility except when due to a shipping error. Authorized returns must be adequately packaged and should be insured. GREER is not responsible for loss or damage in return transit. GREER reserves the right to inspect all returns before issuing credit. Credit is not issued for duplications resulting from customer errors in ordering.

### Telephone and Fax Orders

To order by telephone, call our Customer Service Representatives: **800.378.3907 or 828.759.7334**

To order by fax, dial: **828.754.0616**

For customers outside the United States, call: **828.759.7334**

To email, write to: [sourcematerials@greerlabs.com](mailto:sourcematerials@greerlabs.com)

Our Customer Service Representatives are available Monday through Friday 8 AM to 5 PM Eastern Time.

### Can't Find What You Want?

Other products may be available in addition to the products shown in this catalog. Many products are available in various formulations.

**If you do not see what you need in this catalog,  
please contact the GREER® Source Materials team  
to inquire about availability.**

# GREER® Source Materials Services

## We're with you. At every step.

At GREER®, customer satisfaction is more than a commitment. GREER professionals work alongside customers to provide personalized support on many levels.

### GREER Provides Source Materials in Useful Formulations

Natural

Non-defatted

Defatted

Each formulation is available in:



Powdered



Liquid



Lyophilized  
(Freeze-dried)

### Freeze-Dried (Lyophilized) Extracts

Freeze-dried (lyophilized) extracts are intended for laboratory or further manufacturing use and can be prepared from most of the source materials listed in our catalog as well as some items not listed (subject to availability of material).

- Freeze-dried products have a shelf life of 10 years (5 years for venoms). One lot of lyophilized material can be used over the course of several years, which can reduce issues related to lot-to-lot variability.
- Freeze-dried products can be reconstituted to reach targeted dilutions to achieve specified protein per mL concentrations.
- Freeze-dried extracts are prepared without the use of preservatives or buffer salts that can interfere with certain tests or processes for which freeze-dried products are used.
- Freeze-dried extracts are labeled with Bradford protein and dry weight contents.
- Additional testing can be provided upon request.

Some of the more common lyophilized extracts are dust mites, latex, cockroaches, peanut, short ragweed, *Candida albicans*, and pig *Ascaris*. Many extracts are maintained in inventory for immediate shipment.

### Analytical Testing

GREER offers analytical testing for total protein, moisture, specific allergen content (eg, Der p 1, Der f 1, Amb a 1, Fel d 1, Can f 1), and endotoxins as well as other tests specified by our customers. Contact your GREER Customer Service Representative for pricing.

### Custom Products

GREER® can work with customers to develop and manufacture source materials in conformance with Current Good Manufacturing Practice to meet customer-defined specifications. We also provide analytical testing for total protein, moisture, and specific allergen content as well as other tests specified by customers.

Contact the GREER® Source Materials team to see how we can be with you at every step.

## Mites

- Dust mites are grown under controlled conditions to help ensure reliable potency and quality.
- Mite source identities verified by GREER® scientists.
- Source material can be prepared to meet specifications of up to 99% purity.



Item #	Common Name	Scientific Name
B72	Mite, Food/Storage	<i>Acarus siro</i>
B71	Mite, Food/Storage	<i>Lepidoglyphus destructor</i>
B73	Mite, Food/Storage	<i>Tyrophagus putrescentiae</i>
B63	Mite, House Dust	<i>Blomia tropicalis</i>
B83	Mite, House Dust	<i>Dermatophagoides farinae</i>
B81	Mite, House Dust (freeze-dried extract)*	<i>Dermatophagoides farinae</i>
B84	Mite, House Dust	<i>Dermatophagoides pteronyssinus</i>
B82	Mite, House Dust (freeze-dried extract)*	<i>Dermatophagoides pteronyssinus</i>
B65	Mite, House Dust	<i>Euroglyphus maynei</i>
B56	Mite, House Dust	<i>Glycyphagus domesticus</i>

\*Freeze-dried mite extracts are available in 2.5 and 25 mL vials. Contact a Customer Service Representative for more information.

## Danders, Epithelia, Hair, and Feathers

- Updated technology enables GREER to produce and stock large quantities of danders, hair, and epithelia\* of dog, cat, and many other species.
- All danders, hair, epithelia, and feathers are collected from animals certified as healthy and free from disease.
- Epithelia and danders are acetone-defatted and milled to facilitate extraction of allergen components.
- Feathers are milled to aid in the extraction process.
- Unprocessed animal hair is available.

\* Epithelia contain both hair and the outer epidermal layer of skin.



Item #	Common Name	Scientific Name
<b>Danders</b>		
E63	Cat Dander/Antigen	<i>Felis catus (domesticus)</i>
E64	Dog Dander	<i>Canis familiaris</i>
E16	Horse Dander	<i>Equus caballus</i>
<b>Epithelia</b>		
E3	Cat Epithelia	<i>Felis catus (domesticus)</i>
E4	Cattle Epithelia	<i>Bos taurus</i>
E7	Dog Epithelia, Mixed-Breed	<i>Canis familiaris</i>
E50	Gerbil Epithelia	<i>Meriones unguiculatus</i>
E11	Goat Epithelia	<i>Capra hircus</i>
E14	Guinea Pig Epithelia	<i>Cavia porcellus</i>
E44	Hamster Epithelia	<i>Mesocricetus auratus</i>
E15	Hog Epithelia	<i>Sus scrofa</i>
E17	Horse Epithelia	<i>Equus caballus</i>
E20	Mouse Epithelia	<i>Mus musculus</i>
E24	Rabbit Epithelia	<i>Oryctolagus cuniculus</i>
E25	Rat Epithelia	<i>Rattus norvegicus</i>

## Danders, Epithelia, Hair, and Feathers



Item #	Common Name	Scientific Name
<b>Hair</b>		
E66	Cat Hair	<i>Felis catus (domesticus)</i>
E46	Dog Hair	<i>Canis familiaris</i>
E68	Wool, Sheep	<i>Ovis aries</i>
<b>Feathers</b>		
E2	Canary Feathers	<i>Serinus canaria</i>
E77	Chicken Feathers	<i>Gallus gallus</i>
E79	Duck Feathers	<i>Anas platyrhynchos</i>
E78	Goose Feathers	<i>Anser anser</i>
E22	Parakeet Feathers	Psittacidae
E23	Pigeon Feathers	<i>Columba spp.</i>

## Pollens

- GREER® offers a wide range of grass, tree, weed, and flower pollens.
- Extensive experience requirements for all collectors.
- Exclusive collection capabilities in the United States and Europe to access regionally appropriate pollen species.
- Experienced scientists ensure the identity and purity of all materials through microscopic identification.
- GREER pollen source materials meet or exceed industry standards for identity and purity.



Item #	Common Name	Scientific Name
<b>Grasses</b>		
231	Bahia	<i>Paspalum notatum</i>
2	Bermuda	<i>Cynodon dactylon</i>
8	Brome Grass, Smooth	<i>Bromus inermis</i>
9	Canarygrass, Reed	<i>Phalaris arundinacea</i>
149	Corn, Cultivated	<i>Zea mays</i>
11	Couch/Quack Grass	<i>Elymus repens</i>
15	Johnson Grass	<i>Sorghum halepense</i>
16	Kentucky Blue/June	<i>Poa pratensis</i>
14	Meadow Fescue	<i>Festuca elatior (pratensis)</i>
21	Oats, Common/Cultivated	<i>Avena sativa</i>
20	Orchard	<i>Dactylis glomerata</i>
22	Redtop	<i>Agrostis gigantea (alba)</i>
23	Rye, Cultivated	<i>Secale cereale</i>
264	Ryegrass, Giant Wild	<i>Leymus condensatus</i>
25	Ryegrass, Italian	<i>Lolium perenne ssp. multiflorum</i>
24	Ryegrass, Perennial	<i>Lolium perenne</i>

## Pollens



Item #	Common Name	Scientific Name
<b>Grasses</b> <i>Continued</i>		
27	Sweet Vernal	<i>Anthoxanthum odoratum</i>
28	Timothy	<i>Phleum pratense</i>
29	Velvetgrass	<i>Holcus lanatus</i>
31	Wheat, Cultivated	<i>Triticum aestivum</i>
186	Wheatgrass, Western	<i>Pascopyrum smithii</i>
<b>Weeds</b>		
202	Allscale	<i>Atriplex polycarpa</i>
293	Baccharis	<i>Baccharis halimifolia</i>
291	Baccharis	<i>Baccharis sarothroides</i>
213	Burrobrush	<i>Hymenoclea salsola</i>
32	Careless Weed, Amaranth/Green	<i>Amaranthus hybridus</i>
33	Cocklebur	<i>Xanthium strumarium</i>
35	Dock, Yellow/Curly	<i>Rumex crispus</i>
184	Dog Fennel	<i>Eupatorium capillifolium</i>
42	Firebush/Kochia	<i>Kochia scoparia</i>
37	Goldenrod	<i>Solidago</i> spp.
40	Hemp, Water	<i>Amaranthus rudis</i>
212	Iodine Bush	<i>Allenrolfea occidentalis</i>
43	Lamb's Quarter	<i>Chenopodium album</i>
44	Marsh Elder, Burweed /Giant Poverty	<i>Iva xanthifolia</i>
201	Marsh Elder, Narrowleaf	<i>Iva angustifolia</i>
45	Marsh Elder, True/Rough	<i>Iva annua</i>
47	Mugwort, Common	<i>Artemisia vulgaris</i>
48	Mugwort, Darkleaved/Sagebrush, Prairie	<i>Artemisia ludoviciana</i>
36	Nettle	<i>Urtica dioica</i>
49	Palmer's Amaranth	<i>Amaranthus palmeri</i>
52	Pigweed, Rough/Redroot	<i>Amaranthus retroflexus</i>
53	Pigweed, Spiny	<i>Amaranthus spinosus</i>
54	Plantain, English	<i>Plantago lanceolata</i>
240	Quailbrush	<i>Atriplex lentiformis</i>
238	Rabbit Bush	<i>Ambrosia deltoidea</i>
272	Ragweed, Desert	<i>Ambrosia dumosa</i>
185	Ragweed, False	<i>Ambrosia acanthicarpa</i>
55	Ragweed, Giant	<i>Ambrosia trifida</i>
56	Ragweed, Short	<i>Ambrosia artemisiifolia</i>
50	Ragweed, Slender	<i>Ambrosia confertiflora</i>

## Pollens



Item #	Common Name	Scientific Name
<b>Weeds</b> <i>Continued</i>		
57	Ragweed, Southern	<i>Ambrosia bidentata</i>
58	Ragweed, Western	<i>Ambrosia psilostachya</i>
59	Russian Thistle	<i>Salsola kali</i>
191	Sagebrush, Pasture	<i>Artemisia frigida</i>
61	Sagebrush, Common	<i>Artemisia tridentata</i>
199	Saltbush, Annual	<i>Atriplex wrightii</i>
64	Sorrel, Sheep/Red	<i>Rumex acetosella</i>
206	Wingscale	<i>Atriplex canescens</i>
<b>Trees and Shrubs</b>		
172	Acacia	<i>Acacia</i> spp.
523	Alder, European	<i>Alnus glutinosa</i>
217	Alder, Red	<i>Alnus rubra</i>
69	Alder, Hazel	<i>Alnus serrulata</i>
438	Alder, White	<i>Alnus rhombifolia</i>
204	Ash, Arizona	<i>Fraxinus velutina</i>
73	Ash, Oregon	<i>Fraxinus latifolia</i>
72	Ash, Red/Green	<i>Fraxinus pennsylvanica</i>
74	Ash, White	<i>Fraxinus americana</i>
75	Aspen	<i>Populus tremuloides</i>
173	Bayberry/Wax Myrtle	<i>Morella cerifera</i>
76	Beech, American	<i>Fagus grandifolia</i>
207	Beefwood/Australian Pine	<i>Casuarina equisetifolia</i>
81	Birch, Black/Sweet	<i>Betula lenta</i>
527	Birch, European White	<i>Betula pendula</i>
79	Birch, River	<i>Betula nigra</i>
426	Birch, Spring	<i>Betula occidentalis</i>
80	Birch, White	<i>Betula populifolia</i>
82	Box Elder	<i>Acer negundo</i>
290	Cedar, Japanese	<i>Cryptomeria japonica</i>
83	Cedar, Mountain	<i>Juniperus ashei</i>
84	Cedar, Red	<i>Juniperus virginiana</i>
242	Cedar, Salt/Tamarisk	<i>Tamarix gallica</i>
444	Cottonwood, Black	<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>
87	Cottonwood, Eastern	<i>Populus deltoides</i>
255	Cottonwood, Fremont	<i>Populus fremontii</i>
88	Cottonwood, Western	<i>Populus deltoides</i> ssp. <i>monilifera</i>



## Pollens



Item #	Common Name	Scientific Name
<b>Trees and Shrubs <i>Continued</i></b>		
244	Cypress, Arizona	<i>Cupressus arizonica</i>
193	Cypress, Bald	<i>Taxodium distichum</i>
241	Cypress, Italian	<i>Cupressus sempervirens</i>
92	Elm, American	<i>Ulmus americana</i>
179	Elm, Cedar	<i>Ulmus crassifolia</i>
93	Elm, Siberian	<i>Ulmus pumila</i>
196	Eucalyptus	<i>Eucalyptus globulus</i>
98	Hackberry	<i>Celtis occidentalis</i>
99	Hazelnut, American	<i>Corylus americana</i>
97	Hazelnut, European	<i>Corylus avellana</i>
101	Hickory, Pignut	<i>Carya glabra</i>
103	Hickory, Shagbark	<i>Carya ovata</i>
102	Hickory, Shellbark	<i>Carya lacinosia</i>
104	Hickory, White	<i>Carya alba</i>
243	Juniper, Oneseed	<i>Juniperus monosperma</i>
275	Juniper, Pinchot	<i>Juniperus pinchotii</i>
280	Juniper, Rocky Mountain	<i>Juniperus scopulorum</i>
233	Juniper, Utah	<i>Juniperus osteosperma</i>
254	Juniper, Western	<i>Juniperus occidentalis</i>
169	Locust Blossom, Black	<i>Robinia pseudoacacia</i>
257	Mango Blossom	<i>Mangifera indica</i>
108	Maple, Red	<i>Acer rubrum</i>
109	Maple, Soft/Silver	<i>Acer saccharinum</i>
110	Maple, Sugar/Hard	<i>Acer saccharum</i>
221	Melaleuca	<i>Melaleuca quinquenervia</i>
111	Mesquite	<i>Prosopis velutina</i>
113	Mulberry, Paper	<i>Broussonetia papyrifera</i>
112	Mulberry, Red	<i>Morus rubra</i>
194	Mulberry, White	<i>Morus alba</i>
256	Oak, Arizona/Gambel	<i>Quercus gambelii</i>
114	Oak, Black	<i>Quercus velutina</i>
115	Oak, Bur	<i>Quercus macrocarpa</i>
284	Oak, California Black	<i>Quercus kelloggii</i>
195	Oak, California Live	<i>Quercus agrifolia</i>

## Pollens



Item #	Common Name	Scientific Name
<b>Trees and Shrubs <i>Continued</i></b>		
455	Oak, California White	<i>Quercus lobata</i>
526	Oak, English	<i>Quercus robur</i>
528	Oak, Holly	<i>Quercus ilex</i>
119	Oak, Post	<i>Quercus stellata</i>
120	Oak, Red	<i>Quercus rubra</i>
116	Oak, Virginia Live	<i>Quercus virginiana</i>
198	Oak, Water	<i>Quercus nigra</i>
285	Oak, Western White	<i>Quercus garryana</i>
122	Oak, White	<i>Quercus alba</i>
123	Olive	<i>Olea europaea</i>
479	Olive, Russian	<i>Elaeagnus angustifolia</i>
247	Orange Pollen	<i>Citrus sinensis</i>
216	Palm, Queen	<i>Arecastrum romanzoffianum</i>
127	Pecan	<i>Carya illinoensis</i>
292	Pepper Tree	<i>Schinus molle</i>
294	Pepper Tree/Florida Holly	<i>Schinus terebinthifolius</i>
130	Pine, Eastern White	<i>Pinus strobus</i>
132	Pine, Loblolly	<i>Pinus taeda</i>
129	Pine, Longleaf	<i>Pinus palustris</i>
478	Pine, Ponderosa	<i>Pinus ponderosa</i>
171	Pine, Virginia Scrub	<i>Pinus virginiana</i>
480	Pine, White/Western	<i>Pinus monticola</i>
131	Pine, Yellow	<i>Pinus echinata</i>
177	Poplar, Lombardy	<i>Populus nigra</i>
134	Poplar, White	<i>Populus alba</i>
135	Privet, Common	<i>Ligustrum vulgare</i>
137	Sweet Gum	<i>Liquidambar styraciflua</i>
138	Sycamore, American/Eastern	<i>Platanus occidentalis</i>
525	Sycamore, Oriental	<i>Platanus orientalis</i>
228	Sycamore, Western	<i>Platanus racemosa</i>
468	Sycamore/London Plane	<i>Platanus hybrida</i>
140	Walnut, Black	<i>Juglans nigra</i>
222	Walnut, California Black	<i>Juglans californica</i>
210	Walnut, English	<i>Juglans regia</i>
483	Willow, Arroyo	<i>Salix lasiolepis</i>
142	Willow, Black	<i>Salix nigra</i>

## Pollens



Item #	Common Name	Scientific Name
<b>Cultivated Plants and Flowers</b>		
145	Alfalfa	<i>Medicago sativa</i>
223	Castor Bean	<i>Ricinus communis</i>
146	Clover, Red	<i>Trifolium pratense</i>
158	Daisy, Ox-Eye	<i>Leucanthemum vulgare</i>
159	Dandelion	<i>Taraxacum officinale</i>
174	Mustard	<i>Brassica</i> spp.
63	Sugar Beet	<i>Beta vulgaris</i>
164	Sunflower	<i>Helianthus annuus</i>

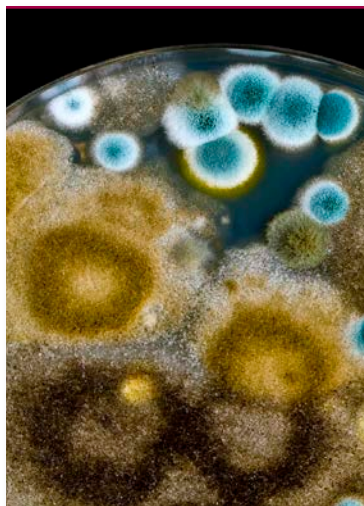
## Fungi

- GREER® offers a wide range of fungi prepared to meet customer specifications for cellular and culture filtrates.
- Fungi are grown on site from controlled seed cultures to help ensure lot-to-lot consistency.
- Experienced scientists help ensure identity and purity of each lot.
- Processes render the products essentially nonviable.



Item #	Scientific Name	Other/Previous Name
My6	<i>Acremonium strictum</i>	<i>Cephalosporium acremonium</i>
My1	<i>Alternaria alternata</i>	<i>Alternaria tenuis</i>
My4	<i>Aspergillus amstelodami</i>	<i>Aspergillus glaucus</i>
My2	<i>Aspergillus flavus</i>	
My3	<i>Aspergillus fumigatus</i>	
My35	<i>Aspergillus nidulans</i>	
My5	<i>Aspergillus niger</i>	
My53	<i>Aspergillus terreus</i>	
My105	<i>Aspergillus versicolor</i>	
My21	<i>Aureobasidium pullulans</i>	<i>Pullularia pullulans</i>
My12	<i>Bipolaris sorokiniana</i>	<i>Helminthosporium sativum</i>
My30	<i>Botrytis cinerea</i>	
My15	<i>Candida albicans</i>	
My8	<i>Chaetomium globosum</i>	
My9	<i>Cladosporium herbarum</i>	
My13	<i>Cladosporium sphaerospermum</i>	<i>Hormodendrum hordei</i>
My45	<i>Drechslera spicifera</i>	<i>Curvularia spicifera</i>
My29	<i>Epicoccum nigrum</i>	<i>Epicoccum purpurascens</i>

## Fungi



Item #	Scientific Name	Other/Previous Name
My10	<i>Epidermophyton floccosum</i>	
My11	<i>Fusarium moniliforme</i>	
My48	<i>Fusarium solani</i>	
My63	<i>Geotrichum candidum</i>	
My41	<i>Gliocladium viride</i>	<i>Gliocladium deliquescens</i>
My40	<i>Helminthosporium solani</i>	<i>Spondylocladium atrovirens</i>
My14	<i>Microsporum canis</i>	
My52	<i>Mucor circinelloides f. circinelloides</i>	<i>Mucor mucedo</i>
My68	<i>Mucor circinelloides f. lusitanicus</i>	<i>Mucor racemosus</i>
My27	<i>Mucor plumbeus</i>	
My44	<i>Mycogone perniciosa</i>	
My16	<i>Neurospora intermedia</i>	<i>Monilia sitophila</i>
My34	<i>Paecilomyces variotii</i>	
My86	<i>Penicillium brevicompactum</i>	
My17	<i>Penicillium camembertii</i>	
My18	<i>Penicillium chrysogenum</i>	
My28	<i>Penicillium digitatum</i>	
My85	<i>Penicillium expansum</i>	
My19	<i>Penicillium chrysogenum</i>	<i>Penicillium notatum</i>
My42	<i>Penicillium roquefortii</i>	
My39	<i>Phoma betae</i>	
My76	<i>Phoma herbarum</i>	<i>Phoma pigmentivora</i>
My22	<i>Rhizopus oryzae</i>	<i>Rhizopus arrhizus</i>
My23	<i>Rhizopus stolonifer</i>	<i>Rhizopus nigricans</i>
My49	<i>Rhodotorula mucilaginosa</i>	<i>Rhodotorula rubra</i>
My67	<i>Saccharomyces cerevisiae</i>	
My88	<i>Serpula lacrymans</i>	<i>Merulius lacrymans</i>
My75	<i>Setosphaeria rostrata</i>	<i>Exserohilum rostratum</i> , <i>Helminthosporium halodes</i>
My66	<i>Stemphylium botryosum</i>	
My33	<i>Stemphylium solani</i>	
My24	<i>Trichoderma harzianum</i>	<i>Trichoderma viride</i>
My26	<i>Trichophyton mentagrophytes</i>	<i>Trichophyton interdigitale</i>
My50	<i>Trichophyton rubrum</i>	
My7	<i>Tricothecium roseum</i>	<i>Cephalothecium roseum</i>

## Smuts

- All smuts are field collected.



Item #	Common Name	Scientific Name
S1	Loose Barley Smut	<i>Ustilago nuda</i>
S2	Bermuda Grass Smut	<i>Ustilago cynodontis</i>
S3	Corn Smut	<i>Ustilago maydis</i>
S4	Johnson Grass Smut	<i>Sporisorium cruentum</i>
S5	Oat Smut	<i>Ustilago avenae</i>
S6	Loose Wheat Smut	<i>Ustilago tritici</i>

## Venoms

- An extensive network of collectors helps ensure a diverse supply of hymenopteran species.
- Venoms are formulated to contain clinically relevant species and lyophilized (freeze-dried) to help ensure stability and labeled potency.
- Consistency of product quality and potency is controlled by laboratory tests for protein, hyaluronidase, and phospholipase activity, and comparison to in-house reference preparations.
- GREER® scientists verify identity and purity.



Item #	Common Name	Scientific Name
V15	Honey Bee	<i>Apis mellifera</i>
V89	Mixed Hornet	<i>Dolichovespula</i> spp.
V90	Mixed Paper Wasp	<i>Polistes</i> spp.
V88	Mixed Yellow Jacket	<i>Vespula</i> spp.
V8	White (Bald)-Faced Hornet	<i>Dolichovespula maculata</i>
V7	Yellow Hornet	<i>Dolichovespula arenaria</i>

## Foods

- GREER® offers a wide range of food source materials obtained from sources that operate under food safety, USDA, or FDA regulations.
- Fruits, nuts, vegetables, eggs, and dairy products are processed fresh from grocery warehouses to help ensure food safety and quality.
- Food raw materials are defatted.
- Meats, fish, shellfish, and bivalves are processed fresh or fresh/frozen (with the exception of crab).
- GREER processes and stocks over 400 food items. If you need a food item that is not listed below, call your Customer Service Representative.



Item #	Common Name	Scientific Name
<b>Plant Foods</b>		
F48	Apple	<i>Malus pumila</i>
F49	Apricot	<i>Prunus armeniaca</i>
F55	Banana	<i>Musa paradisiaca</i> var. <i>paradisiaca</i>
F56	Barley	<i>Hordeum vulgare</i>
F59	Bean, Lima	<i>Phaseolus lunatus</i>
F295	Bean, Navy	<i>Phaseolus vulgaris</i>
F61	Bean, Pinto	<i>Phaseolus</i> sp.
F62	Bean, Red Kidney	<i>Phaseolus</i> sp.
F63	Bean, String/Green	<i>Phaseolus vulgaris</i>
F69	Blackberry	<i>Rubus allegheniensis</i>
F70	Blueberry	<i>Vaccinium myrtilloides</i>
F73	Broccoli	<i>Brassica oleracea</i> var. <i>botrytis</i>
F75	Buckwheat	<i>Fagopyrum esculentum</i>
F76	Cabbage	<i>Brassica oleracea</i> var. <i>capitata</i>
F79	Cantaloupe	<i>Cucumis melo</i>
F82	Carrot	<i>Daucus carota</i>
F87	Cauliflower	<i>Brassica oleracea</i> var. <i>botrytis</i>
F88	Celery	<i>Apium graveolens</i> var. <i>dulce</i>
F90	Cherry	<i>Prunus</i> sp.
F93	Chocolate/Cacao Bean	<i>Theobroma cacao</i>
F95	Cinnamon	<i>Cinnamomum verum</i>
F99	Coffee	<i>Coffea arabica</i>
F102	Corn	<i>Zea mays</i>
F108	Cranberry	<i>Vaccinium macrocarpon</i>
F109	Cucumber	<i>Cucumis sativus</i>
F121	Garlic	<i>Allium sativum</i>
F122	Ginger	<i>Zingiber officinale</i>
F125	Grape	<i>Vitis</i> sp.
F128	Grapefruit	<i>Citrus x paradisi</i>

## Foods



Item #	Common Name	Scientific Name
<b>Plant Foods <i>Continued</i></b>		
F132	Hops	<i>Humulus lupulus</i>
F139	Lemon	<i>Citrus limon</i>
F142	Lettuce	<i>Lactuca sativa</i>
F148	Malt	<i>Hordeum vulgare</i>
F150	Mushroom	<i>Agaricus bisporus</i>
F297	Mustard	<i>Brassica</i> spp.
F153	Nutmeg	<i>Myristica fragrans</i>
F154	Oat	<i>Avena sativa</i>
F156	Olive, Green	<i>Olea europaea</i>
F158	Onion	<i>Allium cepa</i> var. <i>cepa</i>
F159	Orange	<i>Citrus sinensis</i>
F167	Pea, Black-eyed	<i>Vigna unguiculata</i>
F169	Pea, Green (English)	<i>Pisum sativum</i>
F170	Peach	<i>Prunus persica</i>
F171	Peanut	<i>Arachis hypogaea</i>
F172	Pear	<i>Pyrus communis</i>
F175	Pepper, Black	<i>Piper nigrum</i>
F177	Pepper, Green	<i>Capsicum annuum</i> var. <i>annuum</i>
F181	Pineapple	<i>Ananas comosus</i>
F190	Potato, Sweet	<i>Ipomoea batatas</i>
F191	Potato, White	<i>Solanum tuberosum</i>
F198	Raspberry	<i>Rubus idaeus</i> var. <i>idaeus</i>
F200	Rice	<i>Oryza sativa</i>
F204	Rye	<i>Secale cereale</i>
F208	Sesame Seed	<i>Sesamum orientale</i> ( <i>indicum</i> )
F209	Soybean	<i>Glycine max</i>
F211	Spinach	<i>Spinacia oleracea</i>
F212	Squash, Yellow Summer	<i>Cucurbita pepo</i> var. <i>melopepo</i>
F216	Strawberry	<i>Fragaria chiloensis</i>
F225	Tomato	<i>Solanum lycopersicum</i> var. <i>lycopersicum</i>
F227	Turnip	<i>Brassica rapa</i> var. <i>rapa</i>
F228	Vanilla Bean	<i>Vanilla planifolia</i>
F232	Watermelon	<i>Citrullus lanatus</i> var. <i>lanatus</i>
F235	Wheat, Whole	<i>Triticum aestivum</i>

## Foods



Item #	Common Name	Scientific Name
<b>Fish and Shellfish</b>		
F4	Bass, Black	<i>Centropristis striata</i>
F8	Catfish	<i>Ictalurus</i> spp.
F10	Clam	<i>Mercenaria</i> spp.
F11	Codfish	<i>Gadus</i> spp.
F12	Crab	<i>Callinectes</i> spp.
F16	Flounder	<i>Platichthys</i> sp.
F18	Halibut	<i>Hippoglossus hippoglossus</i>
F20	Lobster	<i>Homarus americanus</i>
F21	Mackerel	<i>Scomberomorus cavalla</i>
F23	Oyster	<i>Ostrea/Crassostrea</i>
F24	Perch	<i>Serranus scriba</i>
F30	Salmon	<i>Salmo salar</i>
F19	Sardine	Clupeiformes
F32	Scallop	<i>Placopecten magellanicus</i>
F34	Shrimp, White/Brown/Pink	<i>Litopaenaeus setiferus</i> <i>Farfantepenaeus aztecus</i> <i>Farfantepenaeus dourarum</i>
F40	Trout, Lake	<i>Oncorhynchus mykiss</i>
F41	Tuna Fish	<i>Thunnus</i> spp.
<b>Animal Foods</b>		
F241	Beef	<i>Bos taurus</i>
F251	Lamb	<i>Ovis aries</i>
F258	Pork	<i>Sus scrofa</i>
<b>Poultry Products</b>		
F265	Chicken Meat	<i>Gallus gallus</i>
F266	Duck Meat	<i>Anas</i> spp.
F272	Egg White, Chicken	<i>Gallus gallus</i>
F271	Egg Whole, Chicken	<i>Gallus gallus</i>
F273	Egg Yolk, Chicken	<i>Gallus gallus</i>
F274	Goose Meat	<i>Anser anser</i>
F346	Turkey Meat	<i>Meleagris gallopavo</i>
<b>Dairy Products</b>		
F282	Casein, Bovine	<i>Bos taurus</i>
F395	Milk, Bovine	<i>Bos taurus</i>
F294	Milk, Goat	<i>Capra hircus</i>



## Foods



Item #	Common Name	Scientific Name
<b>Nuts</b>		
F46	Almond	<i>Prunus dulcis</i>
F72	Brazil Nut	<i>Bertholletia excelsa</i>
F84	Cashew Nut	<i>Anacardium occidentale</i>
F98	Coconut	<i>Cocos nucifera</i>
F120	Filbert/Hazelnut	<i>Corylus americana</i>
F171	Peanut	<i>Arachis hypogaea</i>
F173	Pecan	<i>Carya illinoensis</i>
F183	Pistachio	<i>Pistacia vera</i>
F229	Walnut, Black	<i>Juglans nigra</i>
F230	Walnut, English	<i>Juglans regia</i>

## Insects

- GREER® scientists verify the identity and purity of all insects.
- Field-collected insects are caught live and frozen immediately. Biting insects are laboratory reared to help ensure consistent diet and absence of blood meal.
- Cockroaches are grown on a controlled medium to help ensure consistency.
- GREER's extensive network of collectors helps ensure a diverse supply of species.



Item #	Common Name	Scientific Name
B31	Ant, Black/Carpenter	<i>Camponotus pennsylvanicus</i>
B47	Ant, Fire	<i>Solenopsis invicta</i>
B14	Ant, Fire	<i>Solenopsis richteri</i>
B26	Cockroach, American	<i>Periplaneta americana</i>
B46	Cockroach, German	<i>Blattella germanica</i>
B22	Flea	<i>Ctenocephalides canis/C. felis</i>
B43	Horse Fly	<i>Tabanus spp.</i>
B8	House Fly	<i>Musca domestica</i>
B12	Mayfly	Ephemeroptera
B55	Mosquito	Culicidae
B11	Moth	Lepidoptera

## Dusts



Item #	Common Name
D3	Barley Grain Dust
D5	Corn Grain Dust
D9	House Dust
D25	Mattress Dust
D12	Oat Grain Dust
D19	Upholstery Dust
D17	Wheat Grain Dust

## Miscellaneous

GREER® provides a number of inhalants and environmental products.



Item #	Common Name	Scientific Name
XP10001105	Anisakis*	<i>Anisakis simplex</i>
H1	Cottonseed	<i>Gossypium hirsutum</i>
H2	Flaxseed	<i>Linum usitatissimum</i>
H15	Gum, Acacia/Arabic	<i>Acacia senegal</i>
H9	Gum, Karaya	<i>Sterculia urens</i>
H18	Gum Tragacanth	<i>Astragalus gummifer</i>
H4	Kapok Seed	<i>Ceiba pentandra</i>
H5	Orris Root	<i>Iris germanica</i> var. <i>florentina</i>
H6	Pyrethrum	<i>Chrysanthemum cinerariifolium</i>
H7	Silk	<i>Bombyx mori</i>
H8	Tobacco Leaf	<i>Nicotiana tabacum</i>

\*Nonstocked, premium item.