

Complete List of HGIC Fact Sheets

- A. Landscape, Garden & Indoor Plants**
 - B. Insects, Diseases & Other Problems**
 - C. Food Safety, Nutrition, Physical Activity & Health**
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A. Landscape, Garden & Indoor Plants

- 1. Landscape, Plants & Lawns
 - 2. Vegetables, Fruits, & Nuts
 - 3. Indoor Plants
 - 4. Other Landscape & Garden Topics
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1. Landscape, Plants & Lawns

- a. Trees
 - b. Shrubs
 - c. Groundcovers & Vines
 - d. Flowers
 - e. Lawns
-

a. Trees

- HGIC 1000 Fertilizing Trees & Shrubs
- HGIC 1050 Choosing a Planting Location
- HGIC 1001 Planting Trees Correctly
- HGIC 1002 Protecting Trees During Construction
- HGIC 1003 Pruning Trees
- HGIC 1024 Topping Trees
- HGIC 1004 Tree Selection
- HGIC 1005 River Birch
- HGIC 1006 Bradford Pear
- HGIC 1007 Crabapple
- HGIC 1008 Crape Myrtle
- HGIC 1023 Crape Myrtle Varieties
- HGIC 1009 Crape Myrtle Pruning
- HGIC 1010 Dogwood
- HGIC 1011 Elm
- HGIC 1012 Japanese Cryptomeria
- HGIC 1013 Leyland Cypress
- HGIC 1014 Live Oak
- HGIC 1015 Magnolia

HGIC 1016 Maple
HGIC 1017 Oak
HGIC 1018 Ornamental Cherry, Plum, Apricot & Almond
HGIC 1019 Palms & Cycads
HGIC 1020 Pine
HGIC 1021 Redbud
HGIC 1022 Sycamore
HGIC 1025 Leyland Cypress Alternatives
HGIC 1026 Serviceberry
HGIC 1027 Fringetree
HGIC 1055 Transplanting Established Trees & Shrubs
FL17 Newly Planted Trees: Strategies for Survival
FL18 Tree Health Care: Managing Natural Changes
FL25 Fall Color in the Carolinas

b. Shrubs

HGIC 1000 Fertilizing Trees & Shrubs
HGIC 1050 Choosing a Planting Location
HGIC 1052 Planting Shrubs Correctly
HGIC 1053 Pruning Shrubs
HGIC 1055 Transplanting Established Trees & Shrubs
HGIC 1056 Watering Shrubs & Trees
HGIC 1057 Aucuba
HGIC 1058 Azalea Planting
HGIC 1059 Azalea Care
HGIC 1060 Barberry
HGIC 1061 Boxwood
HGIC 1062 Camellia
HGIC 1063 Euonymus
HGIC 1064 Forsythia
HGIC 1065 Gardenia
HGIC 1066 Holly
HGIC 1067 Hydrangea
HGIC 1078 Indian Hawthorn
HGIC 1068 Juniper
HGIC 1069 Laurel
HGIC 1070 Ligustrum
HGIC 1071 Nandina
HGIC 1072 Pyracantha
HGIC 1073 Rhododendron
HGIC 1074 Spirea
HGIC 1075 Viburnum
HGIC 1076 Wax Myrtle
HGIC 1077 Yucca
HGIC 1079 Oleander
HGIC 1080 Virginia Sweetspire
HGIC 1081 Photinia (Red Tip)
HGIC 1082 Pittosporum
HGIC 1083 Tea Olive
HGIC 1084 Butterfly Bush

HGIC 1085 Loropetalum
HGIC 1086 Beautyberry
HGIC 1087 Sweetshrub
HGIC 1088 Fatsia
HGIC 1090 Summersweet Clethra

c. Groundcovers & Vines

HGIC 1100 Groundcovers
HGIC 1101 Vines
HGIC 1102 Ajuga
HGIC 1103 Carolina Jessamine
HGIC 1104 Clematis
HGIC 1105 Ivy
HGIC 1106 Jasmine
HGIC 1107 Juniper Groundcovers
HGIC 1108 Liriope
HGIC 1109 Mandevilla
HGIC 1110 Mondo Grass
HGIC 1111 Pachysandra
HGIC 1112 Periwinkle
HGIC 1113 Wild Ginger

d. Flowers

HGIC 1150 Dividing Perennials
HGIC 1151 Drying Flowers
HGIC 1152 Growing Annuals
HGIC 1153 Growing Perennials
HGIC 1154 Hanging Baskets & Window Boxes
HGIC 1155 Spring-Flowering Bulbs
HGIC 1156 Summer- & Fall-Flowering Bulbs
HGIC 1157 Wildflowers
HGIC 1158 Annual Vinca
HGIC 1159 Begonia
HGIC 1160 Caladium
HGIC 1161 Chrysanthemum
HGIC 1162 Coleus
HGIC 1163 Daylily
HGIC 1164 Geranium
HGIC 1165 Hosta
HGIC 1166 Impatiens
HGIC 1167 Iris
HGIC 1168 Marigold
HGIC 1169 Pansies & Johnny-Jump-Ups
HGIC 1170 Peonies
HGIC 1171 Petunia
HGIC 1172 Growing Roses
HGIC 1173 Pruning Roses
HGIC 1174 Salvia

HGIC 1175 Verbena
HGIC 1176 Hardy Ferns
HGIC 1177 Lantana
HGIC 1178 Ornamental Grasses
HGIC 1179 Hibiscus
HGIC 1180 Perennial Leadwort
HGIC 1182 Echinacea
HGIC 1183 Foamflower
HGIC 1184 Baptisia (False or Wild Indigo)

e. Lawns

HGIC 1200 Aerating Lawns
HGIC 1201 Fertilizing Lawns
HGIC 1202 Growing Grass in Shade
HGIC 1203 Lawn Establishment
HGIC 1204 Lawn Renovation
HGIC 1205 Mowing Lawns
HGIC 1206 Overseeding with Ryegrass
HGIC 1207 Watering Lawns
HGIC 1208 Bermudagrass
HGIC 1209 Centipedegrass
HGIC 1210 Tall Fescue
HGIC 1211 St. Augustinegrass
HGIC 1212 Zoysiagrass
HGIC 1213 Carpetgrass
HGIC 1214 Selecting a Lawn Grass
HGIC 1215 Centipedegrass Maintenance Calendar
HGIC 1216 Bermudagrass Maintenance Calendar
HGIC 1217 Zoysiagrass Maintenance Calendar
HGIC 1218 St. Augustinegrass Maintenance Calendar
HGIC 1219 Tall Fescue Maintenance Calendar
HGIC 1220 Measuring the Area of a Lawn (PDF)
HGIC 1221 Winterizing Lawns
HGIC 1222 Selecting a Lawn Care Service
FL22 Maintaining Tree/Turfgrass Associations: A Plant Health Care Approach

2. Vegetables, Fruits & Nuts

- a. Vegetable Gardening
 - b. Vegetable Crops
 - c. Tree Fruits & Nuts
 - d. Small Fruits
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a. Vegetable Gardening

HGIC 1251 Container Vegetable Gardening
HGIC 1253 Controlling Weeds by Cultivating & Mulching
HGIC 1254 Fertilizing Vegetables

HGIC 1255 Heirloom Vegetables
HGIC 1256 Planning a Garden
HGIC 1257 Raised Beds
HGIC 1258 Selecting Good Seeds or Plants
HGIC 1259 Starting Seeds Indoors
HGIC 1260 Watering the Vegetable Garden
HGIC 1262 Harvesting Vegetables
HGIC 1263 Controlling Fire Ants in the Vegetable Garden

b. Vegetable Crops

HGIC 1300 Asparagus
HGIC 1301 Broccoli
HGIC 1302 Bush & Pole-Type Snap Beans
HGIC 1303 Cabbage & Chinese Cabbage
HGIC 1304 Cantaloupe & Honeydew Melons
HGIC 1305 Carrot, Beet & Radish
HGIC 1306 Chinese Vegetables
HGIC 1307 Collards
HGIC 1308 Sweet Corn
HGIC 1309 Cucumber
HGIC 1310 Eggplant
HGIC 1311 Herbs
HGIC 1312 Lettuce
HGIC 1313 Okra
HGIC 1314 Onion, Leek, Shallot & Garlic
HGIC 1315 Peanut
HGIC 1316 Pepper
HGIC 1317 Potato
HGIC 1318 Pumpkins & Winter Squash
HGIC 1319 Southern Peas
HGIC 1320 Spinach
HGIC 1321 Summer Squash
HGIC 1322 Sweet Potato
HGIC 1323 Tomato
HGIC 1324 Turnips & Rutabagas
HGIC 1325 Watermelons
HGIC 1326 Cauliflower
HGIC 1327 Basil
HGIC 1328 Garden Pea

e. Tree Fruits & Nuts

HGIC 1350 Apple
HGIC 1351 Pruning & Training Apple & Pear Trees
HGIC 1352 Asian Pear
HGIC 1353 Fig
HGIC 1354 Peaches & Nectarines
HGIC 1355 Pruning Peaches & Nectarines
HGIC 1356 Pecan Planting & Fertilization

HGIC 1357 Persimmon
HGIC 1358 Plum
HGIC 1359 Pomegranate

f. Small Fruits

HGIC 1400 Blackberry
HGIC 1401 Blueberry
HGIC 1402 Bunch Grapes
HGIC 1403 Muscadine Grape
HGIC 1404 Strawberry Types
HGIC 1405 Growing Strawberries

3. Indoor Plants

- a. Planting & Care
- b. Foliage Plants
- c. Flowering Plants

a. Planting & Care

HGIC 1450 Indoor Plants - Cleaning, Fertilizing, Containers & Light Requirements
HGIC 1454 Indoor Plants - Moving Plants Indoors & Outdoors
HGIC 1456 Indoor Plants - Soil Mixes
HGIC 1457 Indoor Plants - Terrariums
HGIC 1458 Indoor Plants - Transplanting & Repotting
HGIC 1459 Indoor Plants - Watering

b. Foliage Plants

HGIC 1500 Chinese Evergreen
HGIC 1501 Bromeliads
HGIC 1502 Cactus
HGIC 1503 Dieffenbachia
HGIC 1504 Dracaena
HGIC 1505 Indoor Ferns
HGIC 1506 Indoor Ivy
HGIC 1507 Jade Plant
HGIC 1508 Indoor Palms
HGIC 1509 Philodendron
HGIC 1510 Rubber Plant
HGIC 1511 Schefflera
HGIC 1512 Peace Lily
HGIC 1513 Spider Plant
HGIC 1514 Weeping Fig

c. Flowering Plants

HGIC 1550 African Violet
HGIC 1551 Amaryllis
HGIC 1552 Growing Begonias Indoors
HGIC 1553 Bougainvillea
HGIC 1554 Christmas Cactus
HGIC 1555 Easter Lily
HGIC 1556 Forcing Bulbs Indoors
HGIC 1557 Fuchsia
HGIC 1558 Growing Geraniums Indoors
HGIC 1559 Gloxinias
HGIC 1560 Orchids
HGIC 1561 Poinsettia
HGIC 1562 Bird of Paradise
HGIC 1563 Kalanchoe
HGIC 1564 Cyclamen

4. Other Landscape & Garden Topics

- a. Composting & Mulch
 - b. Soils
 - c. Landscaping
 - d. Holiday & Seasonal
 - e. Irrigation
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a. Composting & Mulch

HGIC 1600 Composting
HGIC 1604 Mulch
HGIC 1607 Worm Composting

b. Soils

HGIC 1650 Changing the pH of Your Soil
HGIC 1652 Soil Testing
HGIC 1654 Fertilizers

c. Landscaping

HGIC 1700 Attracting & Feeding Songbirds
EIS/BB-2 Butterfly Gardening (PDF)
HGIC 1702 Foundation Plantings
HGIC 1703 Low-Maintenance Landscape Ideas
HGIC 1704 Hobby Greenhouses
HGIC 1706 Water Gardening in Containers
HGIC 1707 Aquatic Garden Pond & Pool Construction
HGIC 1708 Algae Problems in Water Gardens
HGIC 1709 Aquatic Plant Selection

HGIC 1710 Fertilizing Recreational Fish Ponds
HGIC 1711 Liming Recreational Ponds
HGIC 1712 Stocking & Harvesting Recreational Fish Ponds
HGIC 1713 Use of Rotenone for Management of Fish Populations
HGIC 1714 Aquatic Weed Control Overview
HGIC 1715 Biological Control of Aquatic Weeds
HGIC 1716 Plants for Shade
HGIC 1717 Plants that Tolerate Drought
HGIC 1718 Plants for Damp or Wet Areas
HGIC 1720 Chemical Control of Aquatic Weeds
HGIC 1722 Balancing Nature Within Your Landscape
HGIC 1723 Creating an Environmentally Responsible Landscape
HGIC 1724 Conserving Water in Your Landscape
Rain Gardens: A Rain Garden Manual for South Carolina (PDF 4.96MB)
EC 672 Xeriscape: Landscape Water Conservation in the Southeast (PDF 4.10MB)
HGIC 1725 Landscape Renovation
HGIC 1726 Landscaping Over Septic Drain Fields

f. Holiday & Seasonal

HGIC 1750 Selecting a Christmas Tree
HGIC 1751 Living Christmas Trees
HGIC 1752 Safety Tips for Enjoying Your Christmas Tree
HGIC 1753 Holiday Decorating With Fresh Greenery
HGIC 1561 Poinsettia

g. Irrigation

HGIC 1800 Landscape Irrigation Management Part 1: Water in the Landscape
HGIC 1801 Landscape Irrigation Management Part 2: Determining When to Irrigate
HGIC 1802 Landscape Irrigation Management Part 3: How Much Water?
HGIC 1803 Landscape Irrigation Management Part 4: Winter Irrigation & Winterizing
HGIC 1804 Landscape Irrigation Management Part 5: Irrigation Time of Day
HGIC 1805 Landscape Irrigation Management Part 6: Soil Type & Irrigation Frequency
HGIC 1806 Landscape Irrigation Management Part 7: Water Saving Materials in the Landscape
HGIC 1810 Landscape Irrigation Equipment Part 1: Sprinklers & Spray Heads
HGIC 1811 Landscape Irrigation Equipment Part 2: Drip Irrigation
HGIC 1812 Landscape Irrigation Equipment Part 3: Microsprayers & Microsprinklers
HGIC 1813 Landscape Irrigation Equipment Part 4: Drip Tape
HGIC 1814 Landscape Irrigation Equipment Part 5: Filters & Pressure Regulators
HGIC 1815 Landscape Irrigation Equipment Part 6: Timers & Controllers
HGIC 1816 Landscape Irrigation Equipment Part 7: Valves
HGIC 1817 Landscape Irrigation Equipment Part 8: Piping
HGIC 1818 Landscape Irrigation Equipment Part 9: Water Sources

B. Insects, Diseases & Other Problems

1. Insects & Diseases of Plants
 2. Weeds
 3. Other Plant Problems
 4. Prevention & Control of Wildlife Damage
 5. Household Pests
 6. Pesticide Safety
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1. Insects & Diseases of Plants

- a. Insects & Diseases of Trees
 - b. Insects & Diseases of Shrubs
 - c. Insects & Diseases of Flowers
 - d. Insects & Diseases of Lawns
 - e. Insects & Diseases of Vegetables & Fruits
 - f. Insects & Diseases of Indoor Plants
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a. Insects & Diseases of Trees

HGIC 2000 Apple & Crabapple Diseases
HGIC 2001 Apple & Crabapple Insects
EIS/FV-9 Apple & Crabapple Insects (PDF)
HGIC 2002 Crape Myrtle Diseases & Insect Pests
HGIC 2003 Dogwood Diseases & Insect Pests
HGIC 2004 Leyland Cypress Diseases & Insect Pests
HGIC 2005 Maple Diseases & Insect Pests
HGIC 2006 Oak Diseases & Insect Pests
HGIC 2007 Palm Diseases & Nutritional Problems
HGIC 2008 Pine Diseases
EIS/TO-4 Pine Bark Beetles (PDF)
HGIC 2011 Sycamore Diseases & Insect Pests
HGIC 2049 Powdery Mildew
EIS/TO-2 Bagworms (PDF)
EIS/TO-3 Plant Galls (PDF)
EIS/NI-4 Hemlock Woolly Adelgid (PDF)
EIS/BB-8 Introduced Biological Control Agents for Hemlock Woolly Adelgid (PDF)
EIS/TO-5 Japanese Beetles (PDF)
EIS/TO-10 Periodical Cicadas (PDF)
EIS/TO-11 Web Spinning Caterpillars (PDF)
EIS/TO-13 Spider Mites (PDF)
EIS/TO-17 River Birch Aphid (PDF)
EIS/TO-22 Ambrosia Beetle (PDF)
EIS/TO-23 Scale Insects (PDF)
CE 10 Insects of Ornamental Plants -- An Aid to Identification and Control (PDF)
CE 21 Insects of Ornamental Plants, II -- An Aid to Identification and Control (PDF)
CE 11 Shade and Forest Tree Insects -- An Aid to Identification and Control (PDF)

CE 18 Shade and Forest Tree Diseases -- An Aid to Identification and Control (PDF)
EIS/HS-22 Submitting Insect Samples for Identification
Guidelines for Submitting Samples to the Plant Problem Clinic

b. Insects & Diseases of Shrubs

HGIC 2050 Azalea & Rhododendron Diseases
HGIC 2051 Azalea & Rhododendron Insect Pests
HGIC 2052 Boxwood Diseases & Insect Pests
HGIC 2053 Camellia Diseases & Insect Pests
HGIC 2054 Euonymus Diseases & Insect Pests
HGIC 2055 Holly Diseases & Insect Pests
HGIC 2056 Juniper Diseases & Insect Pests
HGIC 2057 Viburnum Diseases & Insect Pests
HGIC 2058 Gardenia Diseases & Other Problems
HGIC 2059 Gardenia Insects & Related Pests
HGIC 2049 Powdery Mildew
EIS/TO-2 Bagworms (PDF)
EIS/TO-3 Plant Galls (PDF)
EIS/TO-5 Japanese Beetles (PDF)
EIS/TO-7 Lace Bugs (PDF)
EIS/TO-8 Whiteflies (PDF)
EIS/TO-13 Spider Mites (PDF)
EIS/TO-23 Scale Insects (PDF)
CE 10 Insects of Ornamental Plants -- An Aid to Identification and Control (PDF)
CE 21 Insects of Ornamental Plants, II -- An Aid to Identification and Control (PDF)
CE 14 Ornamental Diseases -- An Aid to Identification and Control (PDF)
EIS/HS-22 Submitting Insect Samples for Identification
Guidelines for Submitting Samples to the Plant Problem Clinic

c. Insects & Diseases of Flowers

HGIC 2100 Gray Mold (Botrytis Blight)
HGIC 2101 Chrysanthemum Diseases & Insect Pests
HGIC 2102 Daylily Diseases & Insect Pests
HGIC 2104 Flowering Bulb Insect Pests
HGIC 2105 Pansy Diseases & Insect Pests
HGIC 2106 Rose Diseases
HGIC 2107 Rose Insects & Related Pests
HGIC 2108 Vinca Diseases
HGIC 2049 Powdery Mildew
EIS/TO-5 Japanese Beetles (PDF)
EIS/TO-8 Whiteflies (PDF)
EIS/TO-13 Spider Mites (PDF)
CE 14 Ornamental Diseases -- An Aid to Identification and Control (PDF)
CE 21 Insects of Ornamental Plants, II -- An Aid to Identification and Control (PDF)
Guidelines for Submitting Samples to the Plant Problem Clinic

d. Insects & Diseases of Lawns

HGIC 2150 Brown Patch Disease of Lawns
HGIC 2152 Leaf Diseases of Lawns
HGIC 2154 Nematode Problems in Home Lawns
EIIS/TO-1 Mole Crickets (PDF)
EIIS/TO-5 Japanese Beetles (PDF)
EIIS/TO-9 White Grub Management (PDF)
EIIS/TO-16 Two-lined Spittlebug (PDF)
EIIS/TO-18 Ground Pearls (PDF)
EIIS/TO-19 Bermudagrass Mites (PDF)
EIIS/TO-20 Chinch Bugs (PDF)
EIIS/TO-21 Sod Webworms (PDF)
EIIS/HS-17 Clover Mites (PDF)
Guidelines for Submitting Samples to the Plant Problem Clinic

e. Insects & Diseases of Vegetables & Fruits

IC 119 Insect & Disease Management for Home-Grown Fruits & Nuts (PDF)
HGIC 2000 Apple & Crabapple Diseases
CE 27 Apple Diseases -- An Aid to Identification and Control (PDF)
HGIC 2001 Apple & Crabapple Insects
HGIC 2200 Bean & Southern Pea Diseases
HGIC 2201 Bean & Southern Pea Insect Pests
HGIC 2202 Cabbage, Broccoli & Other Cole Crop Diseases
HGIC 2203 Cabbage, Broccoli & Other Cole Crop Insect Pests
HGIC 2204 Sweet Corn Diseases
CE 17 Corn Diseases -- An Aid to Identification and Control (PDF)
HGIC 2205 Insect Pests of Sweet Corn
CE 4 Corn Insects -- An Aid to Identification and Control (PDF)
HGIC 2206 Cucumber, Squash, Melon & Other Cucurbit Diseases
CE 6 Cucurbit Diseases -- An Aid to Identification and Control (PDF)
HGIC 2207 Cucumber, Squash, Melon & Other Cucurbit Insect Pests
HGIC 2208 Fire Blight of Fruit Trees
HGIC 2209 Peach Diseases
CE 16 Peach Diseases -- An Aid to Identification and Control (PDF)
HGIC 2210 Peach Insect Pests
EIIS/FV-3 Peach Borers (PDF)
HGIC 2211 Pecan Diseases
HGIC 2213 Reasons for Poor-Quality Pecans
CE 23 Pecan Insects and Diseases -- An Aid to Identification and Control (PDF)
EIIS/FV-2 Pecan Weevil (PDF)
HGIC 2214 Irish & Sweet Potato Diseases
HGIC 2215 Sweet Potato & Irish Potato Insects
HGIC 2216 Root-Knot Nematodes in the Vegetable Garden
HGIC 2217 Tomato Diseases
HGIC 2218 Tomato Insect Pests
HGIC 2219 Biological Control of Two-Spotted Spider Mites on Homegrown Strawberries

EIIS/TO-5 Japanese Beetle (PDF)
EIIS/TO-13 Spider Mites (PDF)
HGIC 1263 Controlling Fire Ants in the Vegetable Garden
HGIC 2049 Powdery Mildew
CE 3 Some Common Vegetable Diseases -- An Aid to Identification and Control (PDF)
CE 8 Vegetable Diseases II -- An Aid to Identification and Control (PDF)
CE 2 Vegetable Insects -- An Aid to Identification and Control (PDF)
CE 19 Vegetable Insects II -- An Aid to Identification and Control (PDF)
Guidelines for Submitting Samples to the Plant Problem Clinic
Index of Plant Diseases in South Carolina (PDF 5.5MB)

f. Insects & Diseases of Indoor Plants

HGIC 2250 African Violet Diseases & Insect Pests
HGIC 2251 Houseplant Diseases & Disorders
HGIC 2252 Common Houseplant Insects & Related Pests
EIIS/TO-14 Cyclamen Mites (PDF)
Guidelines for Submitting Samples to the Plant Problem Clinic

2. Weeds

HGIC 2300 Grassy Weeds
HGIC 2301 Broadleaf Weeds
HGIC 2307 Poison Ivy
HGIC 2309 Managing Weeds in Fescue Lawns
HGIC 2310 Managing Weeds In Warm-Season Lawns
HGIC 2311 Wild Garlic & Wild Onion
HGIC 2312 Nutsedge
HGIC 2313 Florida Betony
HGIC 2314 Chamberbitter
HGIC 2315 Identifying & Managing Beach Vitex
HGIC 2316 Bahiagrass
HGIC 2317 Dollarweed
HGIC 2318 Cogongrass
HGIC 2319 Annual Trampweed
HGIC 2320 Bamboo Control
HGIC 2321 Henbit
HGIC 2322 Lespedeza
HGIC 2323 Lawn Burweed
HGIC 2324 White Clover
HGIC 2325 Annual Bluegrass Control
Guidelines for Submitting Samples to the Plant Problem Clinic

3. Other Plant Problems

HGIC 2350 Cold Damage
HGIC 2351 Drought
HGIC 2352 Galls & Outgrowths
HGIC 2353 Leaf & Needle Drop
HGIC 2354 Spanish Moss, Lichens & Slime Molds
HGIC 2355 Mushrooms in Lawns
HGIC 2357 Snails & Slugs in the Home Garden
HGIC 2359 Storm & Weather Damage
HGIC 2360 Controlling Thatch in Lawns
HGIC 2361 Why Plants Fail to Flower or Fruit
HGIC 2362 Wildlife Control
HGIC 2363 Moss & Algae Control in Lawns
HGIC 2364 Holes in the Lawn
HGIC 2365 Barklice
Guidelines for Submitting Samples to the Plant Problem Clinic

4. Prevention & Control of Wildlife Damage

- a. Damage Identification
 - b. Rodents
 - c. Carnivores
 - d. Other Mammals
 - e. Reptiles & Amphibians
 - f. Birds
-

a. Damage Identification

HGIC 2362 Wildlife Control
A-1 Identification And Assessment Of Wildlife Damage: An Overview
A-19 Obtaining Assistance To Control Wildlife Damage
A-25 Wildlife Diseases And Humans

b. Rodents

Beavers
Chipmunks
Cotton Rat
House Mice
Muskrats
Norway Rats
Nutria
Rodent Exclusion
Roof Rats
Tree Squirrels
Voles

White-Footed & Deer Mice
Woodchucks
Wood Rat

c. Carnivores

Black Bears
Bobcat
Coyotes
Feral Dogs
Feral House Cats
Foxes
Mountain Lion
Raccoons
River Otters
Skunks
Weasels
Wolves

d. Other Mammals

Armadillos
Bats
Cottontail Rabbits
Deer
Elk
Moles
Opossums
Shrews
Wild Pigs

e. Reptiles & Amphibians

Alligators
Crayfish
Frogs & Toads
Rattlesnakes
Salamanders
Control of Nonpoisonous and Nonvenomous Snakes
Turtles

f. Birds

American Crows
Birds at Airports
Bird Damage at Aquaculture Facilities
Blackbirds
White-Crowned Sparrows
Bird Dispersal Techniques
Eagles

European Starlings
Gulls
Hawks & Owls
House Finches
House Sparrows
Mississippi Kites
Pigeons (Rock Doves)
Swallows
Waterfowl
Woodpeckers

5. Household Pests

- a. Household & Structural Pests
 - b. Biting & Stinging Pests
-

a. Household & Structural Pests

EIIS/HS-1 Subterranean Termite Control (PDF)
EIIS/HS-3 Multicolored Asian Lady Beetles (PDF)
EIIS/MV-5 Ticks Around Your Home (PDF)
EIIS/HS-7 Mosquitoes (PDF)
EIIS/HS-10 Wood Boring Beetles (PDF)
EIIS/HS-11 Crickets (PDF)
EIIS/HS-12 Moth/Drain Flies (PDF)
EIIS/HS-13 Pantry Pests (PDF)
EIIS/HS-14 Fabric Pests (PDF)
EIIS/HS-15 Seasonal Invaders (PDF)
HGIC 2409 Boxelder Bugs
EIIS/HS-16 Nuisance Flies (PDF)
EIIS/HS-19 Pillbugs and Sowbugs (PDF)
EIIS/HS-20 Silverfish and Firebrats (PDF)
EIIS/HS-22 Submitting Insect Samples for Identification
EIIS/HS-24 Humpbacked Flies (PDF)
EIIS/HS-25 Springtails (PDF)
EIIS/HS-26 Formosan Termites (PDF)
EIIS/HS-27 Termite Distribution in South Carolina (PDF)
EIIS/HS-28 Drywood Termites (PDF)
EIIS/HS-31 Drugstore Beetle (PDF)
EIIS/HS-32 Indian Meal Moth (PDF)
EIIS/HS-33 Cluster Flies (PDF)
EIIS/HS-35 Wolf Spiders (PDF)
EIIS/HS-36 Preventing Insect Invasion (PDF)
EIIS/HS-37 Earwigs (PDF)
EIIS/HS-38 Termite Baits (PDF)
EIIS/HS-43 Midges (PDF)
EIIS/HS-44 Lovebugs (PDF)
EIIS/HS-45 Land Planaria (PDF)
EIIS/HS-46 Saw-toothed Grain Beetle (PDF)
EIIS/HS-47 Daddy-longlegs (PDF)

EIIS/HS-48 Centipedes (PDF)
EIIS/HS-49 Field Ants (PDF)
CE 26 Household Insects - An Aid to Identification and Control (PDF)
EIIS/MV-4 Head Lice (PDF)
EIIS/MV-13 Paper Wasps (PDF)
EIIS/HS-18 Millipedes (PDF)
EIIS/HS-39 Booklice (PDF)
EIIS/HS-40 Acrobat Ants (PDF)
EIIS/HS-41 Cellar Spider (PDF)
EIIS/HS-42 Argentine Ants (PDF)
EIIS/HS-4 Indoor Ant Control (PDF)
EIIS/BB-6 Pest Myths (PDF)
EIIS/AP-3 Honey Bee Removal from Structures
EIIS/NI-1 Fire Ant Impacts (PDF)
EIIS/NI-2 Imported Fire Ants Impacts on South Carolina (PDF)
EIIS/HS-2 Flea Control (PDF)
EIIS/MV-7 Dust Mites (PDF)
EIIS/HS-6 Cockroach Control (PDF)
EIIS/HS-17 Clover Mites (PDF)
EIIS/HS-30 Cigarette Beetle (PDF)
EIIS/HS-23 Choosing a Pest Control Company (PDF)
EIIS/HS-8 Carpenter Bees (PDF)
EIIS/HS-9 Carpenter Ants (PDF)
EIIS/HS-21 Camel Crickets (PDF)
EIIS/MV-14 Brown Widow Spiders (PDF)
EIIS/NI-3 Brown Marmorated Stink Bug (PDF)
EIIS/MV-10 Assassin Bugs (PDF)
EIIS/TO-6 Fire Ant Management in the Home Lawn (PDF)
DPR-12 Selecting a Subterranean Termite Treatment for Your Home (PDF)
DPR-14 Factors to Consider When Selecting a Pest Control Company (PDF)
DPR-15 South Carolina Standards for the Control of Termites and Other Wood-Destroying Organisms (PDF)
DPR-16: Understanding Your Wood Infestation Report (PDF)
DPR-17 Pre-Treating Water-Saturated Soil: How Wet is Too Wet? (PDF)
DPR-18 Just Formosans (PDF)
DPR-19 Ants, Beetles, Bees, and Fungi: Other Wood-Destroying Organisms (PDF)
DPR-23 Annual Termite Inspections: The Regulatory Perspective (PDF)
DPR-25 What is a "Warranty Sale," and Why is It Prohibited? (PDF)
DPR-26 Significance and Treatment Of Drywood Termites (PDF)
DPR-30 How Pest Management Professionals Protect Your Home Against Wood-Destroying Organisms
Guidelines for Submitting Samples to the Plant Problem Clinic

b. Biting & Stinging Pests

HGIC 2512 Mud Daubers
EIIS/HS-2 Flea Control (PDF)
EIIS/AP-3 Honey Bee Removal from Structures
EIIS/AP-7 The Africanized Honey Bee in the United States
EIIS/AP-8 The Africanized Honey Bee (Q & A)
EIIS/BB-6 Pest Myths (PDF)

EIIS/HS-5 Scorpion Control (PDF)
EIIS/HS-7 Mosquitoes (PDF)
EIIS/HS-8 Carpenter Bees (PDF)
EIIS/MV-14 Brown Widow Spiders (PDF)
EIIS/HS-23 Choosing a Pest Control Company (PDF)
EIIS/HS-29 Bed Bugs (PDF)
EIIS/HS-48 Centipedes (PDF)
EIIS/MV-1 Velvet Ants (PDF)
EIIS/MV-2 Bumble Bees Around the Home
EIIS/AP-1 Bumble Bees as Pollinators
EIIS/MV-3 Yellow Jackets
EIIS/MV-4 Head Lice (PDF)
EIIS/MV-5 Ticks Around Your Home (PDF)
EIIS/MV-8 Chiggers (PDF)
EIIS/MV-9 Crab Lice (PDF)
EIIS/MV-15 Baldfaced Hornet (PDF)
EIIS/MV-11 Stinging Caterpillars (PDF)
EIIS/MV-12 Asian Tiger Mosquito (PDF)
EIIS/MV-13 Paper Wasps
EIIS/MV-16 European Hornet (PDF)
EIIS/MV-18 Asian Needle Ant (PDF)
EIIS/MV-19 Tick-borne Diseases Affecting Humans in the Southeastern U.S. (PDF)
EIIS/TO-15 Cicada Killer Wasp
CE 28 Stinging and Biting Arthropods - An Aid to Identification and Control (PDF)
EIIS/HS-22 Submitting Insect Samples for Identification
Guidelines for Submitting Samples to the Plant Problem Clinic

6. Pesticide Safety

HGIC 2750 Reading the Pesticide Label
HGIC 2751 Pesticide Safety
HGIC 2752 Pesticide Application Tips
HGIC 2753 How to Handle Pesticide Spills
HGIC 2754 Pesticide Container Disposal
HGIC 2755 Integrated Pest Management (IPM)
HGIC 2755S Manejo Integrado de Plagas (IPM)
HGIC 2756 Organic Pesticides and Biopesticides
HGIC 2756S Pesticidas Organicos y Biopesticidas
HGIC 2770 Less Toxic Insecticides
HGIC 2771 Insecticidal Soaps for Garden Pest Control

C. Food Safety, Nutrition, Physical Activity & Health

1. Food Safety & Preservation
2. Nutrition, Physical Activity & Health
3. Publicaciones en Español

1. Food Safety & Preservation

- a. Preservation: Canning, Freezing & Drying
- b. Safe Handling of Foods
- c. Foodborne Illnesses
- d. Food Safety in an Emergency
- e. Starting a Food Business
- f. Other Food Topics

a. Preservation: Canning, Freezing & Drying

HGIC 3000 Preserving Foods
HGIC 3020 Home Canning Equipment
HGIC 3024 Home Freezing Equipment
HGIC 3040 Canning Foods at Home
HGIC 3050 Common Canning Problems
HGIC 3051 Most Frequently Asked Canning Questions
HGIC 3060 Freezing Basics
HGIC 3063 Freezing Fruits & Vegetables
HGIC 3064 Freezing Meats & Seafood
HGIC 3065 Freezing Prepared Foods
HGIC 3067 Freezing Fruits, Step By Step
HGIC 3080 Drying Foods
HGIC 3084 Drying Fruits
HGIC 3085 Drying Vegetables
HGIC 3086 Drying Herbs, Seeds & Nuts
HGIC 3100 Pickle Basics
HGIC 3101 Common Pickle Problems
HGIC 3120 Preserving Apples
HGIC 3140 Preserving Peaches
HGIC 3160 Pie Fillings
HGIC 3164 Syrups for Preserving Fruits
HGIC 3165 Fruit Syrups & Honeys
HGIC 3180 Basics of Jelly Making
HGIC 3200 Jelly & Jam Recipes
HGIC 3224 Strawberry Jam
HGIC 3240 Canning Beans, Corn & Peas
HGIC 3260 Preserving Root Vegetables
HGIC 3270 Chestnuts
HGIC 3281 Preserving Pumpkin & Winter Squash

HGIC 3300 Preserving Vegetables
HGIC 3320 Preserving Tomatoes
HGIC 3340 Preserving Tomato Sauces & Ketchup
HGIC 3360 Preserving Tomato Products
HGIC 3380 Dill Pickles & Sauerkraut
HGIC 3400 Pickled Foods
HGIC 3420 Pickled Cucumbers
HGIC 3440 Pickled Peppers
HGIC 3460 Relishes
HGIC 3470 Flavored Vinegars

b. Safe Handling of Foods

HGIC 3480 Food Selection & Storage
HGIC 3480S La Compra y El Almacenamiento de los Alimentos
HGIC 3482 Safe Handling of Seafood
HGIC 3483 Selecting & Storing Fruits & Vegetables
HGIC 3485 Selecting & Storing Cereals and Grains
HGIC 3490 Keeping Foods Safe at Home
HGIC 3495 Food Safety Mistakes You Do Not Want to Make
HGIC 3500 Basics of Safe Food Handling
HGIC 3500S Cuatro Pasos Simples Para la Seguridad en los Alimentos
HGIC 3502 Effects of Temperature on Food
HGIC 3503 The Clean Kitchen Test
HGIC 3504 Safe Handling of Beef
HGIC 3505 Safe Handling of Canned Goods
HGIC 3506 Handling of Cheese for Safety & Quality
HGIC 3507 Safe Handling of Eggs
HGIC 3508 Safe Handling of Fish
HGIC 3509 Safe Handling of Lamb
HGIC 3510 Safe Handling of Milk & Dairy Products
HGIC 3511 Safe Handling of Pork
HGIC 3512 Safe Handling of Poultry
HGIC 3513 Safe Handling of Sausages & Hot Dogs
HGIC 3514 Safe Handling of Veal
HGIC 3515 Safe Handling of Wild Game Birds
HGIC 3516 Safe Handling of Wild Game Meats
HGIC 3517 Safe Handling of Fresh Fruits & Vegetables
HGIC 3520 Safety of Stored Foods
HGIC 3522 Food Storage: Refrigerator & Freezer
HGIC 3523 Storing Meats & Seafood
HGIC 3525 Food Storage: Pantry
EHS/HS-13 Pantry Pests (PDF)
HGIC 3528 Apple Basics
HGIC 3529 Blueberry Basics
HGIC 3530 Corn Basics
HGIC 3531 Cucumber Basics
HGIC 3532 Leafy Green Basics
HGIC 3533 Melon Basics
HGIC 3534 Peach Basics
HGIC 3535 Pepper Basics

HGIC 3536 Pumpkin Basics
HGIC 3537 Strawberry Basics
HGIC 3538 Sweet Potato Basics
HGIC 3539 Tomato Basics
HGIC 3540 Preparing Food for a Crowd
HGIC 3543 Food Safety for Outdoor Cookouts
HGIC 3544 Food Safety for Community Suppers
HGIC 3560 How to Cook Turkey
HGIC 3565 Holiday Meats — Not Just Turkey!
HGIC 3566 Food Safety Pitfalls at Thanksgiving & Beyond!
HGIC 3580 Cooking Meat Safely
HGIC 3585 Slow Cooker Food Safety
HGIC 3586 Microwave Food Safety
HGIC 3587 Food Thermometers: A Key to Food Safety
HGIC 3600 Bag Lunch Safety
HGIC 3601 Traveling With Food
HGIC 3602 Safe Picnics
HGIC 3604 Fresh-Caught Fish
HGIC 3605 Mailing Perishable Foods
HGIC 3606 Leftovers
HGIC 3607 Teaching Children About Food Safety
HGIC 3607S Enseñando a los Niños Sobre la Seguridad de los Alimentos
HGIC 3608 Deli & Other Take-Out Foods
HGIC 3609 Food Safety for Travelers Going Abroad
HGIC 3610 Food Safety Tips for Kids
HGIC 3611 Food Safety Answers for College Students
HGIC 3612 Mailing Food Gifts to Military
HGIC 3864 Cookware Safety
HGIC 3865 Vacuum Packaging Foods at Home

c. Foodborne Illnesses

HGIC 3620 Foodborne Illness: Prevention Strategies
HGIC 3639 Listeriosis & Pregnancy: A Food Safety Concern
HGIC 3639S Listeriosis: Una Preocupación Para las Mujeres Embarazadas
HGIC 3640 Food Safety for Pregnant Women & Their Babies
HGIC 3642 Food Safety for the Elderly
HGIC 3643 Food Safety for the Chronically Ill
HGIC 3660 Foodborne Illness Related to Seafood
HGIC 3661 Ciguatera
HGIC 3662 Scombroid Poisoning
HGIC 3663 Vibrio vulnificus
HGIC 3680 Botulism
HGIC 3690 BSE: "Mad Cow Disease"
HGIC 3700 E. coli 0157.H7
HGIC 3720 Foodborne Illnesses: Viruses
HGIC 3740 Foodborne Illnesses: Bacteria

d. Food Safety in an Emergency

HGIC 3760 Food Safety in Power Outages
HGIC 3780 Food Safety in Freezer Failure
HGIC 3800 Food Safety in Hurricanes & Floods
HGIC 3800S Seguridad de los Alimentos Durante Huracanes e Inudaciones
HGIC 3820 Food Safety after a Tornado
HGIC 3840 Food Safety After a Fire

e. Starting a Food Business

HGIC 3861 Starting a Food Business
HGIC 3867 Starting a Food Business: An Overview
HGIC 3868 Starting a Food Business: Developing a Market Strategy & a Business Plan
HGIC 3869 Starting a Food Business: Product, Process, & Packaging Analysis & Development

f. Other Food Topics

HGIC 3860 Chemicals & Foods
HGIC 3862 Food Service Operation Inspections
HGIC 3863 Inspection of Food: Who's Responsible?
HGIC 3866 Food Irradiation
HGIC 3875 Country of Origin Labeling (COOL)

4. Nutrition, Physical Activity & Health

- a. Nutrition & Dietary Guidelines
 - b. Food Shopping & Preparation
 - c. Health
-

a. Nutrition & Dietary Guidelines

- (1) Dietary Guidelines
 - (2) Nutrition for Life Stages
 - (3) Special Nutrition Needs
-

(1) Dietary Guidelines

HGIC 4000 2005 Dietary Guidelines for Americans
HGIC 4010 MyPyramid
HGIC 4011 MyPyramid for Kids
HGIC 4012 30 MyPyramid Steps to a Healthier You
Going Green With MyPyramid: 10 Tips for Making Environmentally Friendly Choices
HGIC 4016 Focus on Fruits
Focus on Fruits: 10 Tips to Help You Eat More Fruits
HGIC 4017 Vary Your Veggies

Eat Deep Orange and Dark Green Vegetables: 10 Tips to Choosing a Harvest of Colorful Vegetables
HGIC 4018 Get Your Calcium-Rich Foods
HGIC 4019 Whole Grains
Make Half Your Grain Whole: 10 Tips to Help You Eat Whole Grains
HGIC 4020 Go Lean With Protein
HGIC 4030 Physical Activity Pyramid
HGIC 4031 Physical Activity for Adults
HGIC 4032 Physical Activity for Children
HGIC 4033 Walking Off the Munchies
HGIC 4034 Let the Holiday Spirit Move You!
HGIC 4050 Fat in Your Diet
HGIC 4051 Cholesterol
HGIC 4052 Fiber
HGIC 4053 Limit Sugar
HGIC 4054 Halt Salt!
Salt and Sodium: 10 Tips to Cut Back
HGIC 4055 Moderate Alcohol
HGIC 4056 Reading the New Food Labels
HGIC 4057 Determining Nutritional Value of Foods
HGIC 4058 Food Labels: Fat & Cholesterol
HGIC 4059 Food Labels: Carbohydrates
HGIC 4060 Serving Sizes for Special Diets
HGIC 4061 Nutrient Claims on Food Labels
HGIC 4062 Nutrient Density
HGIC 4064 Antioxidants
HGIC 4065 Minerals
HGIC 4066 Iron
HGIC 4067 Calcium
HGIC 4068 Folate
HGIC 4069 Potassium
HGIC 4070 Sodium
HGIC 4071 Chromium
HGIC 4072 Fluoride
HGIC 4073 Zinc
HGIC 4074 Thiamin
HGIC 4075 Riboflavin
HGIC 4076 Niacin
HGIC 4077 Vitamin B6
HGIC 4078 Vitamin B12
HGIC 4079 Vitamin C
HGIC 4080 Vitamin A
HGIC 4081 Vitamin D
HGIC 4082 Vitamin E
HGIC 4083 Vitamin K
HGIC 4090 When it Comes to Chocolate, Choose Dark
HGIC 4091 Healthy Holiday Gifts
HGIC 4092 Control Holiday Weight Gain
HGIC 4093 Comfort Foods: Healthier Options
HGIC 4094 Losing Weight is More Than Counting Calories

(2) Nutrition for Life Stages

HGIC 4100 Feeding Your Infant
HGIC 4101 Breast Milk or Infant Formula?
HGIC 4102 Introducing Solid Foods to Infants
HGIC 4103 Feeding Your Preschooler
HGIC 4104 Picky Eater
Be a Healthy Role Model for Children: 10 Tips for Setting Good Examples
Cut Back on Sweets: 10 Tips to Cut Back on Added Sugars
HGIC 4105 Making Mealtimes Pleasant
HGIC 4106 Brighten Up With Breakfast
HGIC 4107 Partners for Healthy Eating
HGIC 4109 Healthy Eating Habits for Children
HGIC 4110 Non-Food Rewards for Kids
HGIC 4111 Healthier Foods at School
HGIC 4112 Healthy Halloween Treats
HGIC 4113 Kids in the Kitchen
HGIC 4114 Packing Lunches for School-Age Kids
HGIC 4115 Smart Snacking
HGIC 4118 Pregnancy & Breastfeeding
HGIC 4123 Snacks With 100 Calories or Less

(3) Special Nutrition Needs

HGIC 4151 Fluid Needs
Vegetarians: 10 Tips for Following a Vegetarian Diet
HGIC 4152 Caffeine
HGIC 4158 Food Allergies

d. Food Shopping & Preparation

- (1) Menu Planning
 - (2) Food Shopping
 - (3) Food Preparation
-

(1) Menu Planning

HGIC 4200 Planning Meals for a Family
HGIC 4203 Planning for Snacks
HGIC 4204 Planning to Eat Out

(2) Food Shopping

HGIC 4220 Stretch Your Food Dollars Part 1: Before Going to the Store
HGIC 4221 Stretch Your Food Dollars Part 2: At the Grocery Store
HGIC 4222 Stretch Your Food Dollars Part 3: At Home
HGIC 4223 Fast Food & Take-Out Meals

HGIC 4224 Choosing Breakfast Cereals
HGIC 4225 Stocking the Home Pantry for Quick Meals

(3) Food Preparation

HGIC 4240 Quick Meals
HGIC 4246 Packing Lunches for Work or School
HGIC 4247 Using & Storing Apples
HGIC 4248 Using & Storing Asparagus
HGIC 4249 Using & Storing Broccoli
HGIC 4250 More Broccoli, Please!
HGIC 4251 Using & Storing Carrots
HGIC 4252 Using & Storing Green Beans
HGIC 4253 Using & Storing Peaches
HGIC 4254 Using & Storing Potatoes
HGIC 4255 Using & Storing Strawberries
HGIC 4256 Using & Storing Summer Squash
HGIC 4257 Using & Storing Tomatoes
HGIC 4258 Using & Storing Winter Squash
HGIC 4259 Making Your Own Baby Food

e. Health

HGIC 4350 Pandemic Influenza
HGIC 4351 Avian Influenza (Bird Flu)
HGIC 4360 Handwashing - It Makes a Difference!
HGIC 4361 Treat Your Body Like a Computer
ML-025340 Cover Your Cough

Publicaciones en Español

HGIC 3480S La Compra y El Almacenamiento de los Alimentos
HGIC 3500S Cuatro Pasos Simples Para la Seguridad en los Alimentos
HGIC 3607S Enseñando a los Niños Sobre la Seguridad de los Alimentos
HGIC 3639S Listeriosis: Una Preocupación Para las Mujeres Embarazadas
HGIC 3800S Seguridad de los Alimentos Durante Huracanes