

Pest, disease and weed identification guide

By Steve Futch and Tim Spann

CITRUS PESTS

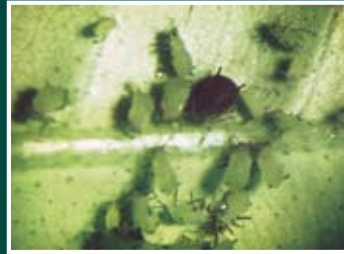
Insects



APHID INJURY
TO FOLIAGE



SPIREA OR GREEN
CITRUS APHID



MELON APHID



BROWN CITRUS APHID



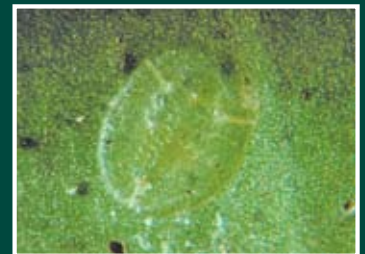
CITRUS MEALYBUG



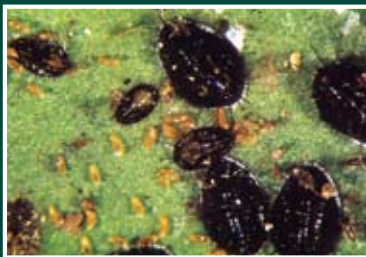
CITRUS MEALYBUG
BETWEEN FRUIT



CITRUS WHITEFLY
(ADULT)



CITRUS WHITEFLY
(PUPAE)



CITRUS BLACKFLY
(IMMATURE)



CITRUS BLACKFLY
(ADULT AND EGGS)



CITRUS LEAFMINER
(FRUIT)



CITRUS LEAFMINER
(FOLIAGE)



CITRUS PSYLLID – ADULT



ASIAN CITRUS PSYLLID
(NYMPH)

Photographs are used with permission from UF IFAS Extension publications SP 176, "identification of mites, insects, diseases, nutritional symptoms and disorders on citrus" and SP 341, "Identification of weeds in Florida citrus."

Minor insect pests



**EASTERN LUBBER
GRASSHOPPER**



**AMERICAN
GRASSHOPPER**



**KATYDID AND LEAF
DAMAGE**



KATYDID EGGS



**PLANT BUG
DAMAGE TO FRUIT**



**CRICKET DAMAGE
TO PEEL**



LEAFOOTED BUG



**SOUTHERN GREEN
STINK BUG**



ORANGEDOG LARVAE

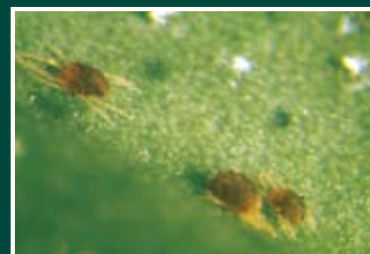
Mites



CITRUS RUST MITE



CRM – DAMAGED FRUIT



CITRUS RED MITE



**CITRUS RED MITE –
LEAF DAMAGE**



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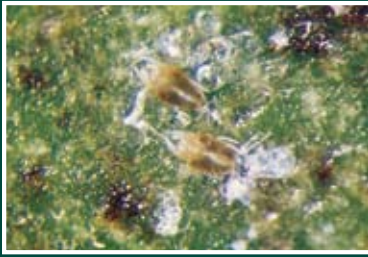
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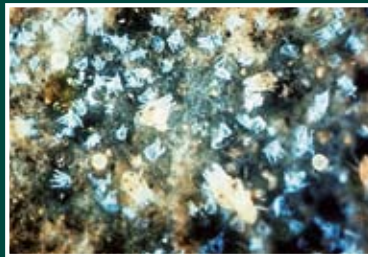
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We've got you covered!*

Mites



**COLONY OF TEXAS
CITRUS MITE**



SIX-SPOTTED MITE



**SIX-SPOTTED MITE
DAMAGE TO LEAVES**

Weevils



**SOUTHERN BLUE
GREEN CITRUS
ROOT WEEVIL**



**DIAPREPES ROOT
WEEVIL**



**LITTLE
LEAF
NOTCHER**



**NORTHERN CITRUS
ROOT WEEVIL**



FULLER ROSE BEETLE

Scales



PURPLE SCALE



FERN SCALE



**CITRUS SNOW SCALE
MALE AND FEMALE**



**CITRUS SNOW SCALE
ON TREE TRUNK**

Do one thing and do it well

Herbiciding citrus groves is all we do. With nearly one million acres herbicided since 1995, we are the company to call for all your weed control needs.

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- Multiple Function



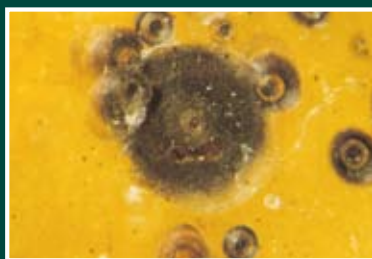
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Scales



FLORIDA RED SCALE



CARIBBEAN BLACK SCALE



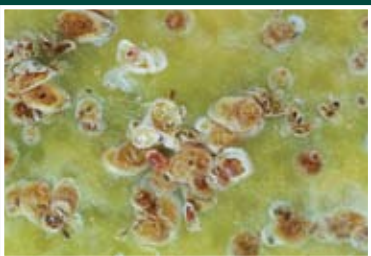
SOFT BROWN SCALE



FLORIDA WAX SCALE



COTTONY CUSHION SCALE



CHAFF SCALE

Diseases



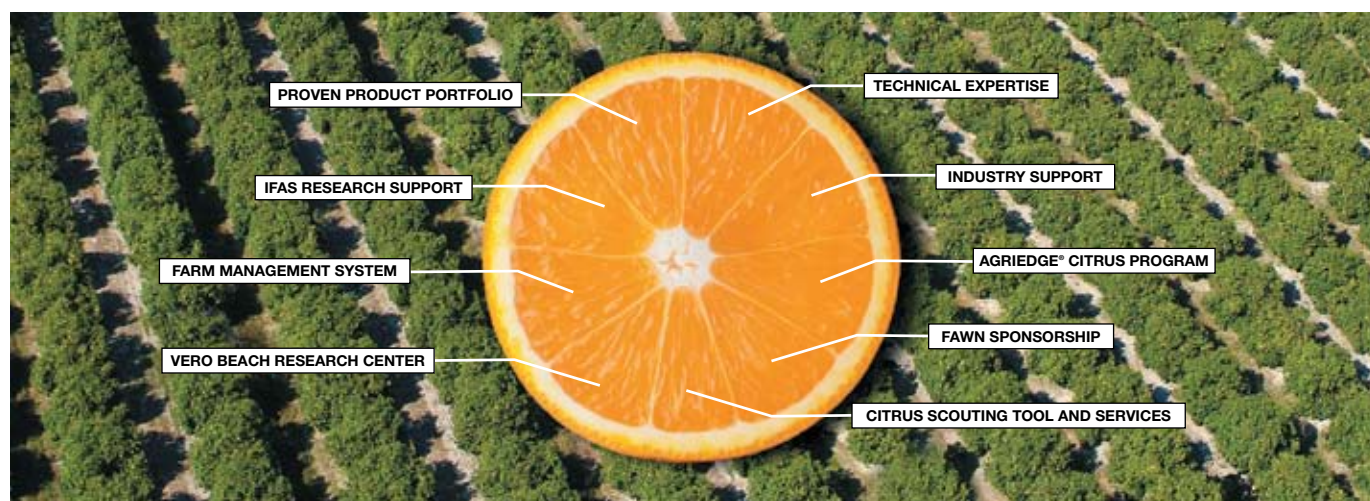
GREASY SPOT ON LEAF



SCAB INFECTION ON LEAVES



STAR MELANOSE



Innovative products are only part of what we do.

Healthy groves of trees with minimal pressure from insects, mites, weeds and diseases are the very foundation for healthy yields — and profits — for years to come. At Syngenta, we're proud of the role we play in keeping citrus groves healthy and productive — like our latest registrations with Actara® and Platinum® 75SG insecticides. But we also believe it's important to support your business in other ways as well. Like our Vero Beach Research Center and our Citrus Scout® Tool. Or our field technicians, who can quickly identify potential problems right in the grove. For us, it's not just about selling you a product. It's about investing in our citrus industry together.

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Diseases



**GREASY SPOT RIND
BLOTCH**



**SCAB INFECTION ON
FRUIT**



**MELANOSE ON
GRAPEFRUIT**



TEAR STAIN MELANOSE



**ALTERNARIA BROWN SPOT
ON FRUIT**



**ALTERNARIA BROWN SPOT
ON FOLIAGE**



**POSTBLOOM FRUIT DROP
(PFD) (FLOWER)**



PFD PERSISTENT BUTTONS



Foot ROT LESION ON TRUNK



Brown ROT ON CITRUS FRUIT



CANKER ON FRUIT



CANKER ON LEAVES



**GREENING FRUIT
EXTERNAL SYMPTOMS**



**GREENING FRUIT
INTERNAL SYMPTOMS**



**GREENING LEAF BLOTCHY
MOTTLE**

Viruses



EXOCORTIS BARK SCALING



CACHEXIA (XYLOPOROSIS)



PSOROSIS BARK SCALING

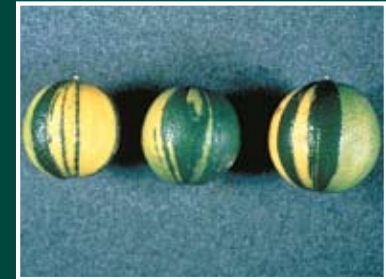
Other Disorders



ASCHERSONIA FUNGI



**BROWN GUM SPOTS
ON LEAVES**



CHIMERA



LICHENS



RIO GRANDE GUMMOSIS



SOOTY MOLD



STYLAR-END RUSSETTING



WIND SCAR

Blue Goose Growers

Heavy Equipment

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Blue Goose has the people, experience and resources to improve your return on your investment

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- Installation

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WEEDS

Broadleaves



BRAZIL PUSLEY



CUPID'S SHAVING BRUSH



DOGFENNEL



FLORIDA BEGGARWEED



COMMON BEGGAR'S TICK



GARDEN SPURGE



GOATWEED



GREEN PIGWEED



HAIRY INDIGO



HYSSOP SPURGE



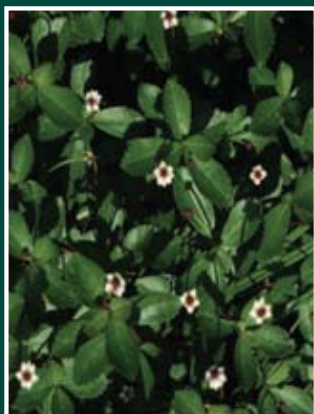
LAMB'S QUARTERS



LONG FRUITED PRIMROSE WILLOW



MEXICAN TEA



MATCHWEED



PHASEY BEAN



RAGWEED

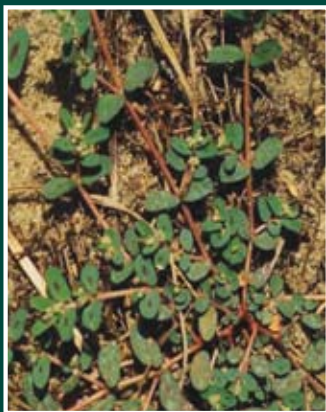


PUNCTURE VINE

Broadleaves



SLENDER AMARANTH



SPOTTED SPURGE



SPREADING DAYFLOWER



SPINY AMARANTH



WILD CAROLINA GERANIUM



VIRGINIA PEPPERWEED

Grasses



TEAWEED



NARROWLEAF-GUINEAGRASS



SMALLFLOWERED ALEXANDER



WANDERING CUDWEED

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- Automated tree see system
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Grasses



NATALGRASS



TORPEDOGRASS



BROADLEAF-SIGNALGRASS



CROWFOOTGRASS



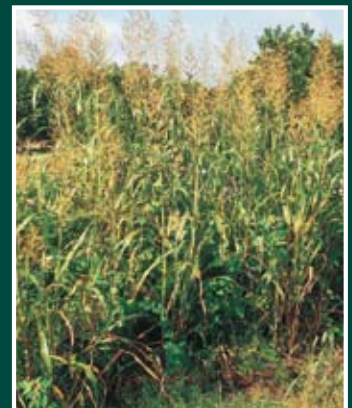
GUINEAGRASS



SOUTHERN-SANDBUR



BERMUDAGRASS



JOHNSONGRASS



VASEYGRASS-PAS



GOOSEGRASS

Sedges



YELLOW NUT SEDGE



PURPLE NUT SEDGE

Spiderworts



COMMON SPIDERWORT



TROPICAL SPIDERWORT

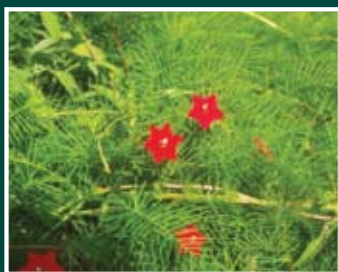


DOVEWEED

Vines



BALSAM-APPLE VINE



CYPRESS VINE
MORNING GLORY



MILKWEED VINE



POSSUM GRAPE VINE



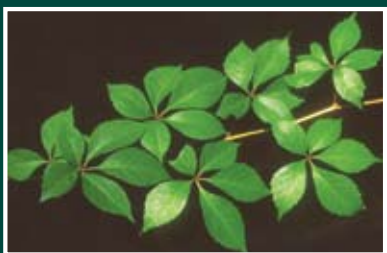
SCARLET MORNING
GLORY



SKUNK VINE



VIRGINIA CREEPER BLOOM



VIRGINIA CREEPER

Steve Futch is a multi-county citrus extension agent; Tim Spann is a University of Florida assistant professor. Both have offices at the Citrus Research and Education Center in Lake Alfred.

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