

## SIGNS AND STAKES



High impact plastic **STAKES AND SIGNS** designed to direct golf carts and golfers away from wet, worn, seeded or sodded areas. Design provides wedge type rope notch for economical installation and removal. Choice of 14 sign inscriptions fit over any stake.

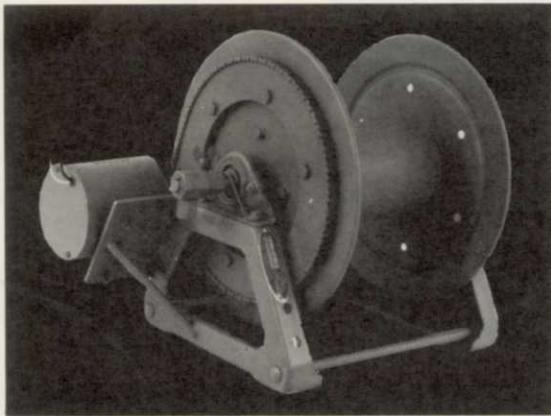
12" stakes .....	\$30.00 per hundred
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Signs .....	\$40.00 per hundred
(Choice of any mix of inscriptions)	
Rope .....	\$25.00 per thousand ft.
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Minimum order .....	\$50.00

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## REELS to handle your spray hose



To handle hose faster and more efficiently for spraying pesticides, liquid fertilizers and other chemical products, specify Hannay reels. Available with air or electric powered rewind motors for fast, controlled rewinding of all hose lengths.

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CLIFFORD B. HANNAY & SON, INC., WESTERLO, NEW YORK 12193

## —insect report—

### INSECTS OF ORNAMENTALS

#### ARMORED SCALES

FLORIDA: Adults of *Lepidosaphes maskelli* and *Carulaspis minima* moderate on 2,000 *Juniperus* sp. plants at Hudson, Pasco County. All stages of *Duplaspidiotus tesserratus* and MINING SCALE (*Howardia biclavata*) collected on *Camellia japonica* at Arcadia, De Soto County. These are all new county records.

#### AMERICAN COCKROACH

(*Periplaneta americana*)

GEORGIA: Severely damaged bark of poinsettia and kalanchoe plants in Spalding County greenhouse.

#### DIASPIDID SCALE

(*Morganella cueroensis*)

FLORIDA: Adults heavily infested *Myrica cerifera* (wax myrtle) growing in deep shade at Yeehaw Junction, Osceola County. This is a new county record.

#### BAGWORM

(*Thyridopteryx ephemeraeformis*)

ALABAMA: About 50 percent of eggs hatched on trees and shrubs examined along Highway I-85 in Lee, Macon, and Montgomery Counties. First instar larvae very heavy on Juniper and cedars; expected to destroy plants.

### TREE INSECTS

#### PINE SAWFLY

(*Neodiprion taedae linearis*)

ARKANSAS: Hatch began in south-central counties about 2 and one half weeks later than normal.

#### EASTERN TENT CATERPILLAR

(*Malacosoma americanum*)

NEW JERSEY: First hatch of season observed in crab apple trees at New Brunswick, Middlesex County. Few larvae observed on each egg mass. MARYLAND: First larvae of season reported from Montgomery County. Most egg hatch expected to be completed in 7-14 days in central area. SOUTH CAROLINA: Larvae moderate to severe in most central and Piedmont counties. FLORIDA: Larvae abandoning most tents in *Prunus* spp. in search of pupation sites at Gainesville, Alachua County. ARKANSAS: Heavier in southern area than for many years.

#### FOREST TENT CATERPILLAR

(*Malacosoma disstria*)

TEXAS: Severe damage to oaks and other trees reported in Matagorda, Calhoun, and Colorado Counties. Some trees completely defoliated in area.

#### ELM SPANWORM

(*Ennomos subsignarius*)

CONNECTICUT: Due to an egg parasite *Ooencyrtus clisiocampae* (an encyrtid wasp) this defoliator not expected to be problem except for few localized infestations.

### BENEFICIAL INSECTS

#### EULOPHID WASP

(*Coccophagus albicoxa*)

COLORADO: Parasitized and unspecified scale insect infesting *Arceuthobium cyanocarpum* (a mistletoe) which in turn was parasitizing *Pinus flexilis* (limber pine) about 18 miles west of Fort Collins, Larimer County, at about 7,700 feet elevation. This is a new State record.

#### CONVERGENT LADY BEETLE

(*Hippodamia convergens*)

OKLAHOMA: This species and *Nabis* spp. (damselfly bugs) increased in alfalfa in west-central area; *H. convergens* still light in McCurtain County alfalfa.