



Cooperative Extension Service
Institute of Food and Agricultural Sciences

*Antirrhinum majus*¹

Edward F. Gilman, Teresa Howe²

Introduction

A wide range of Snapdragon selections is available (Fig. 1). The tall types are two to three feet tall, the intermediates are one to two feet tall, the bedding types are six to fifteen inches tall, and the rock garden hybrids are about six inches tall. The flowers come in a wide range of colors from reds, orange, yellow, and maroon. Plants with dark colored flowers have dark green or reddish stems and those with white or pale flowers have pale green stems.

General Information

Scientific name: *Antirrhinum majus*

Pronunciation: an-tur-RYE-num MAY-jus

Common name(s): Snapdragon

Family: *Scrophulariaceae*

Plant type: herbaceous; annual

USDA hardiness zones: all zones (Fig. 2)

Planting month for zone 7: Apr; Sep

Planting month for zone 8: Feb; Mar; Oct; Nov; Dec

Planting month for zone 9: Feb; Oct; Nov; Dec

Planting month for zone 10 and 11: Feb; Nov; Dec

Origin: not native to North America

Uses: mass planting; container or above-ground planter; cut flowers; edging

Availability: generally available in many areas within its hardiness range

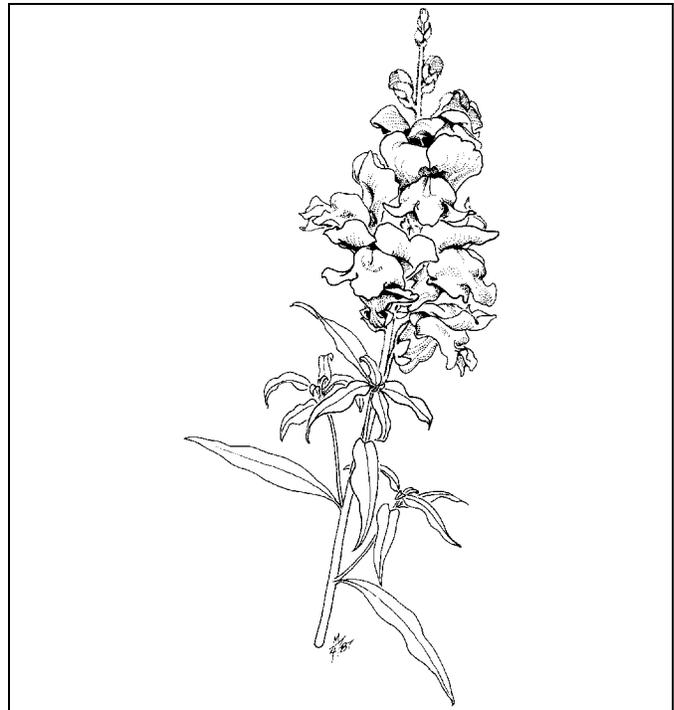


Figure 1. Snapdragon.

Spread: 1 to 2 feet

Plant habit: upright

Plant density: moderate

Growth rate: fast

Texture: medium

Foliage

Description

Height: .5 to 3 feet

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2. Edward F. Gilman, professor, Environmental Horticulture Department, Teresa Howe, coordinator - Research Programs/Services, Gulf Coast REC, Bradenton, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, 32611.

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Figure 2. Shaded area represents potential planting range.

Leaf arrangement: alternate

Leaf type: simple

Leaf margin: entire

Leaf shape: oblong; spatulate

Leaf venation: none, or difficult to see

Leaf type and persistence: not applicable

Leaf blade length: 2 to 4 inches

Leaf color: green

Fall color: not applicable

Fall characteristic: not applicable

Flower

Flower color: yellow; white; pink; orange; salmon; lavender; purple

Flower characteristic: showy

Fruit

Fruit shape: no fruit

Fruit length: no fruit

Fruit cover: no fruit

Fruit color: not applicable

Fruit characteristic: inconspicuous and not showy

Trunk and Branches

Trunk/bark/branches: not applicable

Current year stem/twig color: green

Current year stem/twig thickness: thick

Culture

Light requirement: plant grows in part shade/part sun

Soil tolerances: acidic; slightly alkaline; clay; sand; loam

Drought tolerance:

Soil salt tolerances: unknown

Plant spacing: 6 to 12 inches

Other

Roots: not applicable

Winter interest: not applicable

Outstanding plant: not particularly outstanding

Invasive potential: not known to be invasive

Pest resistance: long-term health usually not affected by pests

Use and Management

Snapdragons grow in any slightly acid, garden soil, however, they don't grow well in unamended clay. The plants require full sun and moist soil. A second crop of flowers may be obtained from plants that have finished flowering. Cut them back to within 5 or 6 nodes of the ground when the first flowers fade. Fertilize when the second crop of flower buds become visible.

Snapdragons may be propagated by seeds, or by cuttings which root readily. The seed germinates in 10 to 14 days at 70-degrees F. Do not cover the seed with soil. Prechilled seeds germinate best. Seedlings with two to three sets of leaves are pinched, however, dwarf forms do not need pinching. Set plants in the ground after the danger of frost has passed. Plant in the fall for winter color in USDA hardiness zones 9 to 11. Plants sometimes survive and flower throughout the winter in zone 8b and south. Set the plants six to ten inches apart.

Dwarf cultivars include: 'Floral Carpet', 'Floral Showers', 'Kolibri', 'Royal Carpet' and 'Tahiti'. Intermediate cultivars include 'Princess', 'Liberty', 'Sonnet', 'Pixie', 'Sprite', 'Cinderella'. Tall cultivars include 'Panorama', 'Burpee's Topper', 'Spring Giant', and 'Rocket'.

Aphids feed on terminal growth and the underside of the leaves. The insects suck juices, and heavy infestations seriously weaken the plants.

The greenhouse leaf tier chews irregular-shaped areas in the leaves and webs the leaves together. Pesticides are seldom effective after the insect rolls the leaves.

Mites cause a bronzed or stippled appearance on the foliage, especially in hot weather.

Pests and Diseases

Rust causes brown pustules surrounded by yellowed tissue on the leaves. Plants may bloom prematurely, have small flowers, and die early. Use proper plant spacings and resistant varieties.

Anthraxnose attacks the leaves and stems in late summer. On older stems the spots are sunken, oblong, yellowish-green to gray with a narrow brown border. On the leaves, the spots are yellowish green turning dirty white with a narrow brown border. When the stem is girdled the plant dies. Destroy infected plants and use wider spacings.

Gray mold causes flower spikes to wilt and light brown areas form on the lower stem of the flower cluster. Infected plants break over below the flowers. The disease is worse in

wet weather. Cut off infected flower stalks and keep beds free of debris.

Stem rot can be detected by the presence of cottony growth on stems of infected plants near the soil line. Infected plants die and should be destroyed.